



**MAHADHAN
AGRITECH
LIMITED**

(Formerly known as Smartchem Technologies Limited)
100% subsidiary of DFPCL

MAHADHAN AGRITECH LTD (MAL)

(100% Subsidiary of Deepak Fertilisers & Petrochemicals Corporation Limited)

Registered office at: - Sai Hira, Survey no. 93, Mundhwa, Pune – 411036, Maharashtra, India.

Plant at MAL Unit- Plot K1 , K- 8, Talaja MIDC Industrial Area, Raigad, Maharashtra, India-410208

Subject: - Tender to Provide Civil Services (Annual Repair & Maintenance) to be carried out at Mahadhan Agritech Limited (MAL/Company) Talaja K1 & K8 Plant.

Tender Ref : MAL-K1 & K8 /CIVIL/02/ 2023-24

Date: 11.04.2024

Sealed Technical bids are invited from professionally competent service providers of Civil – Services in Sealed Envelope with EMD. The sealed envelope shall be super scribed with Tender Reference Number, Name of Work & content in it and addressed to Mr. Swapneel Attarde or Mr. Yuvaraj Naik, At **Mahadhan Agritech Limited** at Plot K8 MIDC Industrial Area, Talaja, 410 208, Dist.: Raigad, Maharashtra, India

Stage I Bidding

- **Sealed Envelope- I:** - Technical Bid- General Terms and Conditions, Commercial Terms and Conditions, Special Conditions and Scope of work (Excluding price Bid)
- **Sealed Envelope- II:** - Earnest Money Deposit (EMD) for Amount Rs.1,00,000 (Rs. One Lac only) per unit & Price Bid (Please be guided with Annexure-I)
- The Scope of work for each activity mentioned in annexure of this tender (Excel Sheet -Annexure A)
- You will submit the closed technical bid in hard copy and in 2 envelop system by hand or through courier to MAL latest by **22.04.2024**.
- The commercial price bid will be invited from technically qualified Tenderers.

Exceptions and deviations, which tendered may desire to stipulate. (Tenderers are advised to submit the Tender strictly on the terms and conditions of the contract and specifications contained in the Tender documents and not to stipulate any deviations. However, if deviations become unavoidable, then it may be stipulated. The Company MAL reserves the right to reject such deviations or evaluate the Tenderers containing deviations having financial implication, by adding the cost for such deviations as may be determined by the Company MAL).

Stage II Bidding

Submission & opening of the Bid: The Bidders shall submit the duly filled in all the bid documents (Stage I- Two Envelope system) signing on each page along with requisite document as mentioned in pre-qualification criteria and EMD & every component by the authorized signatory in Purchase Department of the Company latest by **22.04.2024** up to 15.00 PM.

All the above documents should be hand delivered or Couriered to the following address.

Mr Swapneel Attarde or Mr. Yuvaraj Naik (Representative of MAL)

Mahadhan Agritech LTD

Unit- Plot K-7 & K-8, Talaja MIDC Industrial Area,

Raigad, Maharashtra, India-410208

Phone: 022-5044 3017 and 022-5044 3019

The Stage I Bid documents shall be opened within a week from the last date of submission tenders.

During Commercial Price Bid (Technically qualified Tenderers) need to quote for each activity as mentioned in Stage I excel sheet attachment Annexure C. We may reject the tender in case you do not quote for all items. As this is a volume contract, the contract will be awarded to two/three/four agencies. **MAL reserves the right to split contracts among many agencies at their sole discretion.**

E-Auction:

After submission of Stage I bid documents and close price bid, the E auction will be conducted. The E auction will be governed by the Business Rules for online Auction as per enclosed pages in Stage I bidding. Only Technically acceptable Tenderers against the tender can only participate in further process. MAL's decision on technical evaluation shall be final and no correspondence shall be entertained in this regard. The Tenderers who do not fulfill all or any of the conditions laid down in the tender document are liable to be ignored at the sole discretion of MAL. MAL also reserves the right to reject any/all the offers without assigning any reason thereof.

In case of any technical queries, you may contact our Job Controller as below.

K1 - MAL Unit - Shri. Rajesh Deshpande (Tel. 022-5068 44611, Mob. 9702713426)

K8 - MAL Unit – Shri. Rahul vaidya (Tel.022-5044 3038, Mob.9930060363)

For commercial queries you may contact

Mr Swapneel Attarde Tel No: - 022 5044 3017 (Mob.9833004627)

Mr. Yuvaraj Naik Tel No: - 022-5044 3019 (Mob.7892776483)

Thanking you,

For Mahadhan Agritech Limited

Srungavarapu Srinivas Rao

Senior General Manager-Sourcing & Supply Chain (Materials)- Corp Sourcing.

The participating company's declaration:

I/We confirm having accepted all the terms as mentioned above.

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(Company name, seal and signature of authorized person with Designation)

The following are Pre-qualification criteria to be submitted along with Stage I Tender document.

- [a] Annual Turnover of minimum Rs 1 Crores including group companies.
- [b] Only professionally competent contractors should participate in the Tender.
- [c] The net-worth of the bidder should be positive during the preceding financial year.
- [d] Compliances of statutory requirement like registration under ESIC Act, PF Act, GST and other statutory compliance to operate/ do business in India.
- [e] Minimum 3 to 5 years of experience in Similar field and details of similar ongoing works including group companies.
- [f] List of clients of the Company/Firms.
- [g] Details of manpower owned technical, and staff submitted along with the tender.
- [h] List of requisite tools & tackles, equipment. (Attested Copy to be enclosed).
- [i] The contractor should not have any record of being de-barred or blacklisted by any State / Central Govt. Dept. / any public / private organization. Compliances with the provisions all the personnel related statutes (and the corresponding rules framed under these various statutes) as may be applicable including, but not limited to statutory compliance like registration under ESIC Act, PF Act, Contract Labour Regulation and Abolition) Act, 1970, GST and other statutory compliances to operate / do business in India. The tenderer should carefully go through the Safety related rules as applicable in MAL (Refer Annexure II) and the statutory regulations (refer Annexure III) to be strictly followed.
- [j] Should be able to handle any local matters.
- [k] If the contractor is MSME then should have a valid MSME registration and a copy of the same should be enclosed along with the tender document at the time of submission.
- [l] Organization Structure of the contractor.

The tendered must provide the supporting documents for above mentioned prequalification criteria.

The participating company's declaration:

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(Company name, seal and signature of authorized person with Designation)

ANNEXURE I
GENERAL TERMS AND CONDITIONS

1. Earnest Money Deposit of Rs.1,00,000/- (Rs. One Lac only) in the form of Bank demand draft (drawn on public sector bank or reputed private bank only) will have to be submitted in favour of Mahadhan Agritech Limited payable at Mumbai along with tender document. Tenders received without EMD will be disqualified.
2. All pages of the tender form and questionnaire must be signed and sealed by Tenderers.
3. Tenderers have to submit details along with documentary evidence for the following:
 - a) Registration/ incorporation certificate as Proprietary/ Partnership Firm/ Private Ltd or Public Ltd Company/ LLP.
 - b) Registration certificate with PF organization for allotment of PF code number.
 - c) Registration certificate with Goods and Service Tax (GST).
 - d) Allotment letter under ESIC Act
 - e) Registration certificate under Maharashtra Labor Welfare Board.
 - f) Registration certificate for professional Tax.
 - g) Registration certificate with Income Tax Dept for allotment of permanent income tax code number.
 - h) Tenderers are advised to submit their bids strictly on the terms and conditions of the bid. document and not to stipulate any deviation.
 - i) ISO Certification holder: Name of certification: -----Validity: -----(Attested Copy to be enclosed)
 - j) Organization Chart: Executive -----, Technical Staff----- (Attested Copy to be Enclosed giving the details)
 - k) List of requisite machinery, tools & tackles, equipment. (Attested Copy to be enclosed)
 - l) Audited annual Turnover: for last three Financial Years.
 - m) List of similar jobs carried out in another company.
 - n) Client List.
 - o) MSME certificate if applicable.

Special Note: The contractors/Tenderer's who are registered with MAL need not to submit the documents mentioned above.

4. MAL reserves the right to accept or reject any or all tenders at its sole discretion without assigning any reason.
5. Late tender will not be accepted / received.
6. Canvassing in any connection with the tender in any form is strictly prohibited. Tenders submitted by the party who resort to canvassing will be liable for rejection and forfeiture of EMD.
7. In case of any unscheduled holiday falling on the prescribed closing or opening day of the tender, the next working day will be treated as scheduled for the opening or closing day of the tender as the case may be. The Final concluding bid shall be valid for 6 months from date of auction and if any new requirement is received shall be catered at same auction price.
8. The bidders are advised to read carefully all the terms and conditions of the tender document which will form part of the contract.
9. If the Tenderers give wrong information deliberately to create conditions for acceptance of the tender, the MAL reserves the right to reject such tenders without assigning any reason.

The participating company's declaration:

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10. Not more than one tender will be submitted by one Tenderer for the same work.

1.0 INSTRUCTIONS FOR SUBMISSION OF TENDER:

1) The Tenderers are advised to visit the site of work to acquaint themselves as to the nature and location of the work, access to the site, the general & local conditions, particularly those bearing upon transportation, disposal, handling and storage of materials, availability of labour, water, electric power, physical conditions etc. and shall be included on such account while quoting for the tender.

2) Tenderers shall quote the tender in the prescribed format of the tender document. Tenders should be free from overwriting. All corrections should be duly attested by the Tenderer. Tenders should be signed & stamped by person/s that are legally authorized to sign on behalf of the person or firm or company tendering and in case of firm / company tender should bear its seal or stamp.

3) Tender format should contain columns for amount in Rupees (if any),

4) The Tenderers shall not stipulate any additional conditions. Any tender containing such conditions will be summarily rejected. Canvassing in connection with tenders is strictly prohibited. Tenders submitted by the Tenderers, who resort to canvassing, will be rejected outright.

5) The work may be split up between two or more Contractors or accepted in part and not in entirety, if considered expedient at the sole discretion of MAL Management.

6) Submission of a tender will be conclusive evidence to the fact that the Tenderer has fully satisfied himself as to the nature and scope of work to be done, procedures for issue or materials, conditions of contract, local precautions to be ensured, security rules to be followed and all other factors affecting the performance of the contract and the cost thereof.

7) It will be obligatory on the part of Tenderer to sign the documents for all the component parts on each and every page.

8) No Bidder is allowed to bid below the current minimum wages applicable.

2.0 AMENDMENT TO NIT (Notice Inviting Tender)

At any time prior to the deadline for submission of bids, MAL or its nominee or its consultants may for any reason, whether at its own initiative or otherwise or in response to any clarification requested by a prospective Bidder, modify the NIT by amendment. The amendment will be notified in writing to all prospective Bidders who have received the NIT and the amendment will be binding on them. In order to afford prospective Bidders reasonable time to take the amendment into account in preparing their tenders, extension of time as may be reasonable, will be given for submission of tenders.

3.0 SUBMISSION OF TENDERS:

The Bidder shall bear all costs associated with the preparation and submission of the Bid and neither the company nor its nominee nor its consultants will be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process. Any clarification required by prospective bidder shall be furnished in writing soon after its receipt to ensure submission of bid on or before bid closing date. A metric measurement system shall be applied, wherever it is applicable.

The participating company's declaration:

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4.0 EARNEST MONEY DEPOSIT (EMD)

The amount of earnest Money shall be deposited in the form of bank demand draft drawn on reputed public sector bank or reputed private bank only). **The EMD should be in the name of M/s. Mahadhan Agritech Limited.** payable at Panvel. The EMD will be forfeited in the event of the Contractor/Tenderer failing to commence work within the 30 days period. The Earnest money deposited [E.M.D.] by the successful Tenderer's shall be Returned to the bidder after the commencement of the work and on receipt of bank guarantee towards security deposit (if applicable). The tenders without E.M.D. shall be liable for rejection. If for any reason the bidder withdraws his bid at any time prior to expiry of the validity period or refuses to execute the work after issue of the letter of intent/Work Order, the amount of Earnest Money is liable to be forfeited. Earnest Money Deposit will not carry interest. E.M.D. of the unsuccessful participating bidders will be refunded within one month.

5.0 RIGHT OF ACCEPTANCE & REJECTION OF TENDER:

MAL reserves the right to accept at their sole discretion any tender in whole or part or split the work among two or more Contractor/Tenderers or reject any or all Bids without assigning any reason thereof. No claim for compensation etc. whatsoever will be entertained by MAL. If a Contractor/Tenderer whose past performance has not been found satisfactory in the opinion of MAL, then MAL reserves the right to refuse the tender documents or reject the tender while opening or evaluating the tenders. The decision of MAL regarding performance evaluation shall be final & binding on the Contractor/Tenderers. MAL shall not have any liability to Tenderers for any interruption or delay in access to the site irrespective of the cause.

6.0 VALIDITY OF BIDS:

Bids shall be valid for at least 90 days after the date of price bid opening prescribed by the MAL. A bid valid for a shorter period may be rejected at the discretion of MAL. In exceptional circumstances, MAL may solicit the bidder's consent to an extension of the period of validity. The request and responses thereto shall be made in writing. The bids shall be suitably extended where it is necessary at the request of MAL. Where the bidder is unwillingly to extend the validity period, his bid shall be deemed to be invalid and the EMD would be returned to the bidder. No bidder shall be permitted to modify his bid after commercial bids have been opened unless asked by MAL due to change in specifications / scope or otherwise. The Final concluding bid shall be valid for 6 months from date of auction and if any new requirement is received shall be catered at same auction price.

MAL's decision for award of contract shall be final and binding on all the tenderers.

7.0 PROCEDURE FOR AUCTIONING

7.1 [a] Auction: MAL will declare its **Opening Price (OP)**, which shall be displayed to all Tenderers during the start of the Auction. The Tenderer will be required to start bidding after the announcement of Opening Price and decrement amount. Opening Price displayed on screen is evaluated price to MAL for all the items mentioned in price bid. The first online bid and the subsequent bids received in the system during the event shall be less than the Auction's opening bid price by one decrement or multiples of decrement.

[b] Auction shall be for a period of 30 minutes or as per MAL requirement. If a Tenderer places a bid in the last **2 minutes** of closing of the Auction and if that bid gets accepted, then the auction's duration shall get extended automatically for another **2 minutes**, for the entire auction (i.e. for all the items in the auction), from the time that bid comes in. The auto-extension will take place only if a bid is received & accepted in those last **2 minutes**. If the bid does not get accepted, the auto-extension will not take place. In case there is no bid in the last **2 minutes** of closing of Auction, the auction shall get closed automatically without any extension. However, Tenderers are advised not to wait till the last minute or last few seconds to enter their bid during the auto-extension period to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.

[c] After the completion of Auction, the **Closing / Final Price (CP)** shall be available on auction screen.

The participating company's declaration:

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7.2. During Auction, if no bid is received within the specified time, MAL, at its sole discretion, may decide to reschedule / scrap the Auction process / proceed with conventional mode of tendering / or finalize the tender based on Prices Bid submitted in the envelope.

7.3. Placement of order on the conclusion of Auction shall be at the discretion of MAL. Bids once made by Tenderer cannot be cancelled, or withdrawn. If the bidder withdraws the bid, then the EMD of the bidder will be forfeited.

7.4. It shall be the prerogative of MAL to offer the Final / Closing Price of Auction to the other bidders for matching in case MAL decides to have more than one supplier.

7.5. The Tenderer shall be assigned a **Unique Username & Password** by MAL's. The Tenderer is advised to change the Password and edit the information in the Registration Page after the receipt of initial Password from MAL. To ensure confidentiality. All bids made from the Login ID given to Tenderer will be deemed to have been made by them.

7.6. The Tenderer will be able to view the following on screen along with the necessary fields in the Reverse Auction:
_ Leading Bid in the Auction (Current Lowest Rate)
_ Opening Price & Decrement Value.

7.7. MAL decision for award of Contract shall be final and binding on all the Tenderers.

7.8. MAL shall not have any liability to Tenderers for any interruption or delay in access to the site irrespective of the cause.

8.0. SUBMISSION OF TENDERS:

The Bidder shall bear all costs associated with the preparation and submission of the Bid and neither the company nor its nominee nor its consultants will be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process. Any clarification required by prospective bidder shall be furnished in writing soon after its receipt so as to ensure submission of bid on or before bid closing date. A metric measurement system shall be applied, wherever it is applicable.

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ANNEXURE II

Special Terms and Conditions

SAFETY ASPECTS:

1.01 Tenderer/ Contractor to provide safety appliances like dust masks, ear plugs, Full body harness, ladder, safety shoes, helmet, hand gloves, safety goggles, PPE, rain gears, Boiler suit/overall made up from cotton cloths etc. to their personnel working inside the Complex at his cost and should adhere to safety codes as given in General Conditions of the contract.

ISI mark yellow helmet to be provided of Udyogi or any standard company.

ISI marked safety shoes to be provided of Bata make or any standard Company.

ISI marked antifog goggles to be provided of any standard company.

If any deviation noticed, then the company will provide the helmet and safety shoes and will deduct the landing cost at actual incurred by company. After repetitive incidents of violation of safety PPES by Tenderer, serious penalty amount will be deducted from Tenderer's invoice as per safety requirement.

a) Penalty for violation of Safety norms: Rs 500 for first instance per person, in multiple for next similar violations.

b) The manpower shall be confirmed physically fit by Factory Medical Officer to carry out assigned job at MAL work site. Tenderer/ Contractor must report with manpower to factory medical officer on very first day of his contract or his worker's first day of duty.

c) No young and Minor Child labour shall be allowed to enter and work at the site of MAL.

d) The Tenderer/ Contractor shall ensure the safety training of their workman prior to start of the assignment/ job with the help of MAL Supervisor and Safety Officer.

e) Electrical hand tools, welding machines deployed for the job shall be confirmed for the provision of ELCB proper earthing. The same shall be inspected by MAL Safety Officer and Electrical department.

f) Tenderer/ Contractor shall deploy Safety Supervisor for the manpower condition more than of 20 CL & 30 CL

g) Tenderer/ Contractor shall prepare Job Safety Analysis for daily activities and will get endorsed from MAL Maintenance In charge. Hazard Identification and Risk assessment shall be done for each activity and accordingly Risk control measures shall be taken to control every risk. Every contract workman at site will be using Safety Helmet, Boiler suit and safety shoes compulsorily. Ear, Eye, Nose and Hand as well as body protection equipment will be used from time to time to protect the body from each activity.

h) Safety Work Permit system to be followed while performing any job. will be issued by Tenderer/ Contract Safety Officer, will perform inspections/checks that all jobs for safety procedures to be followed.

i) Safety Training, First Aid Training, shall be given to all workers on the first day and for five minutes every day at the start of the day.

j) No person shall work under the control of liquor, Chewing of Tobacco or smoking is strictly prohibited on site.

k) Housekeeping on site is the essence of the contract. The site will be cleaned at the start and end of the work every day by the Contractor/Tenderer.

The participating company's declaration:

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l) Every electrical supply shall be taken through closed socket and ELCB, every electrical hand tool will have proper earthing arrangement. All electrical required to check from MAL electrical dept. And put equipment inspection tag required before put in use.

m) All workers shall be provided with written and understandable Information about their employment conditions in respect to safety & wages before they enter employment and about the particulars of their wages for the pay period concerned each time that they are paid and deduction of fines for non-compliance of safety standards if any.

n) There should be no discrimination in hiring, training, compensation, access to training, promotion, termination or retirement based on race, caste, national origin, religion, age, disability, gender, marital status, sexual orientation, union membership or political affiliation.

o) Non-compliance of safety guidelines will be considered as default and may invite penalty upon the Contractor.

1.02. Safety Training

1) Tenderer/ Contractor has to deploy experienced trained and skilled manpower for the job assigned.

2) Safety training will be given by MAL Safety officer to all manpower reported on duty. Tenderer/ Contractor's Safety Supervisor shall prepare job safety analysis with the help of the Maintenance Officer for the job to be carried out and the procedure which is going to be used for the job. On the basis of the agreed procedure safety training will be given and the adequacy of safety PPE's will be checked by the Safety Officer.

3) Safety training certificates will be issued to all Tenderer's/ Contractors' workers. Every Contractor/Tenderer's worker will maintain a safety certificate copy with him for the period of work inside the factory/ work site of MAL. The certificate will be valid for a period of six months from the date of issue. After the validity, Tenderer/ Contractor and contract worker has to revalidate the certificate by acquiring additional certificate training from the Company.

4) Worker shall be aware of First Aid and using First Aid equipment and emergency procedures and assembly point at site.

5) Falsification or tampering of records, including safety certificates, attendance records, academic credentials, etc., will be considered as default and may invite penalty upon the Contractor.

1.03. Accidental Reporting

1) Safety of the worker/s is the essence of the contract.

2) Any unsafe condition noticed by the Tenderer/ Contractor/Contract worker shall be notified to the MAL Supervisor and Safety Officer on duty.

3) Any near miss, minor injury, First Aid or major injury shall be reported to OHC & Safety Officer in writing by the Tenderer/ Contractor within 4 hours, with cause of the incident.

4) First Aid treatment shall be made available at OHC. Any more treatment advised by OHC /Factory medical officer shall be made available by Tenderer/ Contractor at ESIC recognized hospital/specialized hospital. It is sole responsibility of the Tenderer/ Contractor to make available in time the best treatment to its worker at his cost/insurance. MAL shall not be responsible for the same.

The participating company's declaration:

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1.04 Safety Performance

- 1) Every contract shall be vetted for safety performance of previous contract and experience
- 2) Safety training to workers, proactive performance, availability of safety appliances, Attitude towards safety implementation, rewards to the worker/s will be evaluation parameters.

2. Labor law and Safety codes:

All the matters concerned with labour management shall be as per the prevailing Labor laws. Tenderer/ Contractor will obtain labour license/s on arrival at site before commencement of the job. The first RA bill shall be released only on submission of the copy of labour license duly attested by MAL Administration in the prescribed format. If labour license is not applicable, the Tenderer/ Contractor shall obtain confirmation to this effect from MAL Administration.

Tenderer/ Contractor will comply with all labour and other statutory laws applicable from time to time. All labour laws, such as Contract Labour (Regulation and Abolition) Act 1970 with Maharashtra and Central Rules, Employees State Insurance Act with Rules & Regulations, The Maharashtra Workmen's Minimum House Rent Allowance Act, 1983 with Rules 1990, The Payment of Bonus Act, 1965 with Rules 1975, Factories Act with Mah. Rules, The Digital Personal Data Protection Act, 2023, The Employees Provident Funds and Miscellaneous Provisions Act, 1952, Minimum Wages Act 1948, Payment of Wages Act 1936, Maharashtra Labor Welfare Act, etc. and such other acts which are in force, or which may come in force during the subsisting of the contract, should be adhered to by the Tenderer/ Contractor and such other rules/ regulations/ laws made applicable from time to time.

The Tenderer/ Contractor agrees to procure and maintain, at its own cost, insurance policy enough to insure against all liability, claims, demands, and other obligations assumed by the Contractor. Such insurance shall be in addition to any other insurance requirements imposed by this contract or by law.

The Tenderer/ Contractor shall be solely responsible for its employees. And always keep the MAL Indemnified from all losses, actions, penalties etc. arising out of this Tender/ Contract.

The Tenderer/ Contractor shall be responsible for all acts of its personnel and representatives, directly or indirectly rendering services in relation to or connected with job entrusted and to comply with all applicable labor laws.

2.01 Deployment of Medically Fit Manpower:

For the due execution of this Contract, the Tenderer/ Contractor shall deploy workers/supervisors who are always physically and mentally fit and are not disabled/handicapped and do not suffer from any chronic or contagious disease. It shall be the responsibility of the Tenderer/ Contractor to ensure that its Workers/Supervisors employed are medically fit. The Tenderer/ Contractor shall give a written declaration as regards the fitness of the Workers/Supervisors employed at the time of applying for the Gate Pass. If any employee employed by the Tenderer/ Contractor becomes or is declared medically unfit after the issuance of the Gate Pass, the MAL shall revoke the Gate Pass.

Failure to comply with this stipulation shall entail penalty as may be decided by the management apart from refusing entry to such Workers/Supervisors of the contractor. The decision of the MAL's Medical Officer in this regard shall be final.

2.02 MEDICAL EXAMINATION:

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Tenderer/ Contractor should ensure that all its Workers/Supervisors deployed at MAL sites undergo pre-employment fitness examination. The form No.33 (Prescribed under Rule 68T & 102) should be filled in for all its Workers/Supervisors deployed and should be submitted by Him/her to the user department.

Contract Workers/Supervisors completing 12 months shall undergo annual medical examination. Such examination must include the following tests: -

- 1) Complete Physical Examination. This will be done at MAL OHC.
- 2) X-Ray chest PA view (Once in Pre-employment then once every three years)
- 3) Complete haemogram (T&D, Hb at minimum)
- 4) One urine examination using Multistix.

All entries pertaining to the periodical examination must be made and maintained in form 32 (Bounded register) prescribed under Rule 68 T & 102.

Form No.32 must be maintained in bounded register & should be submitted to the OCCUPATIONAL HEALTH CENTER for records annually.

Each Personnel should use required Personal Protective Equipment's (PPE) as per Job (Minimum: Safety Shoes, Canvas Gloves, Welding Face shield attached with helmet safety goggles) For a work at height each person should use individual safety helmets with two lifelines (in good conditions).

Failure or negligence on part of Contractor in following these health and safety rules shall invite penalty as may be decided by the management and/or as described herein below.

Falsification or tampering of medical records will be considered as default and may invite penalty upon the Contractor.

2.03 Safety Organization of Tenderer:

The Contractor/Tenderer shall be fully responsible for supervision of its personnel to ensure that they strictly adhere to all applicable safety fire requirements.

The Contractor/Tenderer shall appoint one of its personnel on the work site as a Safety officer with the approval from the plant. Contractor/Tenderer shall employ skilled, experienced, trained, and dedicated safety personnel as per below details:

Safety officer deployment as per term of contract – 01 against 20 CL

If 101 and more employees – Additional safety officers/100 employees

Ensuring barricading in the area while work is in progress by Contractor/Tenderer.

Proper segregation of the insulation/ waste/ not required material and timely disposal

If Space/shed provided to Contractor/Tenderer – Prime responsibility and accountability of Contractor/Tenderer to ensure it neat and tidy and no unsafe conditions at any time.

Quality PPEs provision – ISI - marked safety Shoes, ISI - marked Yellow Safety Helmets, EN166 marked Safety Goggles, ISI marked dust masks, ISI marked Safety harness with double lifeline and with shock absorber, Coveralls.

The participating company's declaration:

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BIS certified – Yellow color safety helmets with Test certificate worn by Contractor/Tenderers /contract workmen.

Contract safety officer shall conduct training for all contract employees as per guideline given by MAL safety dept. The Contractor/Tenderer's owner / line manager in charge on site shall be responsible for formation of the organization and coordination the Contractor/Tenderer's Safety activities. This organization shall take responsibility for all safety related activities with respect to their jobs.

2.04 Recruitment, Training of Contractor/Tenderer's Personnel: -

The Contractor/Tenderer shall at his own expense ensure that all its personnel and sub-contractor's personnel have been given the necessary safety, job-related training required by MAL regulations and will provide proof to the effect. The Contractor worker/Tenderer's personnel shall participate in any additional training, which may be provided by MAL. Access to work site by the Contractor/Tenderer's personnel shall be denied if not complying with the rules and regulations at site.

2.05 Minimum Entry qualification for contract Personnel:

The contractor/Tenderer shall employ only those personnel who are trained in their trade or otherwise having sufficient working experience to ensure their and others safety while on the work. Contractor/Tenderer shall employ only those personnel who at least can speak & read Marathi, Hindi or English. Contractor/Tenderer shall maintain up to date record of qualification and experience of his personnel and produce it to concerned MAL authorities in advance.

2.06 Safety Meetings: -

The Contractor/Tenderer shall be responsible for maintaining and enhancing the Safety awareness of the workmen working under him, including sub-contractor. The Contractor/Tenderer will inform the MAL safety manager of the time and place of safety meetings arranged by him. Copies of minutes / records of Contractor/Tenderer's safety committee meetings shall be sent to the MAL Safety Department. The Contractor/Tenderer and sub-contractor's personnel are to be encouraged to contribute actively to safety meetings and to identify S.H.E. topics for inclusion in the agenda for a safety meeting. Toolbox talk should be conducted before conducting any maintenance activity. Safety committee meetings conducted by MAL should be attended by a nominated representative of the Contractor/Tenderer and he shall ensure the communication of same for his employees. This scheme is applicable to all Contractor/Tenderers working in the complex.

2.07 First Aid and Industrial Injuries: -

Tenderer shall maintain first aid facilities for his employees. All industrial injuries (minor & major) shall be reported promptly to Engineer-In-Charge, and a copy of Tenderers report covering each personnel injury requiring the attention of a physician shall be furnished to Company.

2.08 Health :-

It is the responsibility of the Tenderer to provide hospitalization expenses, to carry the injured or sick personnel on duty to the designated hospital and to pay salary as per statutory requirements in case of absence from duty after suffering from occupational injury and to take post-hospitalization care with salary paid till the injured joins back duty / resigns / retires.

The participating company's declaration:

I/We confirm having accepted all the terms as mentioned above.

(Company name, seal and signature of authorized person with Designation)

To provide documented proof for providing medical care / hospitalization, bearing hospital expenses, salary paid during and post hospitalization till complete recovery / not recovery - to Occupational Health Center

To provide Fitness certificate from the hospital at the time of joining duty after suffering from occupational injury while on duty - to Occupational Health Center

To provide Unfit certificate from the Hospital as the case may be – to Occupational Health Center

The Tenderer should provide the following details to Occupational Health Centre on the first day of beginning of contractual period.

Name with phone number/s of the manpower

Name of the close relative/s of the manpower with phone number/s

Residential address of the manpower

Name of the Registered / Tie-up Hospital with phone number and Doctor's name/s – wherein the manpower provided needs to be hospitalized if required.

2.09 Schedule of penalties for safety violations

Use of PPE is mandatory, and non-compliance shall be viewed seriously. Punitive actions including financial penalty may be imposed for safety violations.

The participating company's declaration:

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EHS PENALTY MATRIX

| No. | EHS Offence / Misconduct | Penalty Amount |
|-----|--|--|
| 1. | Failure to wear PPE / Improper use of PPE. | Rs.250 / Incident if PPE is supplied but not worn by the workmen. Rs.1000 / Incident if PPE not provided by the contractor. |
| 2. | Not attending EHS meeting or any other Safety Program or Function. | Rs.200 / Incident |
| 3. | Failure to submit EHS documents (EHS plan, work method statement, Emergency plan, and Risk assessment, JSA, within the stipulated period. | Rs. 500 / Incident |
| 4. | Failure to submit report on incident / accident and near miss within the stipulated time. | Rs. 500 / Incident |
| 5. | Misuse / damage to property / equipment / infrastructure. | Rs.1000 / Incident and in addition contractor to pay for the cost of items repair. |
| 6. | Poor housekeeping and improper stacking of materials at Contractor shed and during & after completion of job in plant. | Rs. 500 / Incident |
| 7. | Use of equipment without Inspection tag or its unauthorized use and alterations. | Rs.1000 / Incident & immediate rectifications |
| 8. | Use of damaged or uncertified lifting tools and Tackles. | Rs.1000 / Incident & immediate rectifications |
| 9. | Unsafe Act / Condition | Rs.500 / Incident & immediate rectification. |
| 10. | Failure to provide for and use unsafe working platforms, means of access to the work place, where work is required to be carried out beyond a person's normal reach. | Rs.1000 / Incident & immediate rectifications |
| 11. | Allowing fall of material from height or throwing materials from height or not barricading dangerous zone on ground or not providing signage to warn. | Rs. 2000 / Incident |
| 12. | Working without work permit Violation of work permit / work instructions | Rs. 2000 / Incident Rs. 1000 / Incident And Immediate rectification |
| 13. | Adopting unsafe tapping / connections / termination of electrical lines or use of defective electrical fittings to be submerged in water or not providing ELCB / RCCB / RCBO | Rs. 2000 / Incident & immediate rectification |
| 14. | Environmental incidence (spillage / Leakage, high noise / unabated dust in work environment) | Rs. 2,000 / Incident and in addition contractor will pay for the cost of cleanup and other incidental expenses. |
| 15. | Failure to dispose of waste as per approved DFPCL / STL practices | Rs. 1,000 / Incident and in addition contractor will pay for the cost of cleanup and other incidental expenses. |
| 16. | Minor incidence / Serious deviation - Repetition of safety rule deviations, use of defective tools / tackles / equipment / PPE, Unsafe act / condition may result into serious injury. | Rs. 10,000 / Incident |
| 17. | Major Incidence - Case of Reportable accident / Fatal Accident. | As decided by STL, depending upon the nature & scope of works. |

2.10 UNIFORM:

The participating company's declaration:

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(Company name, seal and signature of authorized person with Designation)

The Contractor/Tenderer staff shall wear uniform as per work environment, After finalization-color code will be given to Contractor by user team for recognition of team in unit), Boiler suite (As per standard), Rainy wear (During monsoon) while working inside plant premises. They shall also wear badge/name plate/Printed name on Uniform while they are working at site. All labour laws/ regulations shall be strictly followed by Contractor/Tenderer as per central/state govt. directives. Before executing the contract agreement, Contractor/Tenderer will ensure with MAL P&A dept. that they are maintaining necessary records as required under labour laws.

Penalty for violation for Not wearing uniform/Boiler suit/Rainy Wear: Rs 500 for first instance per person, in multiple for next similar violations.

2.11 STATUTORY COMPLIANCE: -

Contractor/Tenderer will comply with all statutory regulations like payment as per minimum wages, bonus, labour welfare fund, leave wages, PF, ESIC, maintaining requisite record. Viz. various registers and submitting the same to the P&A department whenever asked for by MAL. In case of failure to comply with the regulations, appropriate deductions will be made from your bill, in addition to penalty deductions as agreed.

(A) Documents Required at the time of Issuance of Gate Passes:

Whenever the Contractor/Tenderer applies for gate passes to his worker/s to enter into MAL premises, they have to apply on its letter head (Format with HR Department) along-with following documents. The application should be recommended by the authorized User Dept.

Copy of Work Order/LOI issued by MAL.

Copy of Temporary or Regular ESIC Card of each worker (under ESIC Act) or Employees Compensation Policy (If contract worker drawing wages more than Rs.21000/-, required authentic proof i.e. appointment letter or last month pays lip) or Group Personal Accident Policy along-with list of employees who is covered under the said GPA.

In case more than 49 persons are to be engaged, Contractor/Tenderer has to apply and obtain Labour License under Contract Labour (R&A) Act from the State Labour authorities.

Copy of Allotment letter under ESIC Act

Copy of Registration certificate with PF organization for allotment of PF code number along with PF annual return submitted with the concern PF Commissioner.

Copy of Registration certificate under Maharashtra Labor Welfare Board.

Copy of Registration certificate for professional Tax.

Copy of Register of workmen employed by Contractor/Tenderer (Form XIII) – Rule 74

Copy of Employment Card (Form XIV) - Rule 76

Copy of Application for employment, appointment letter issued by Contractor/Tenderer to his workers.

Copy of Insurance coverage covering MAL, as workplace, and for the number of persons to be deployed. The nature of work in the policy should be the same as per the work order issued by MAL.

The participating company's declaration:

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Medical Examination and fitness reports in respect of all the contract labors from the designated/specified medical officers.

If the job is subcontracted then no objection certificate from Contract Cell, MAL regarding subcontracting the work, work order issued to subcontractor by the main Contractor/Tenderer and all the documents mentioned at Sr. No.1 to 12 are also required in respect of the subcontractor. However, the same will be with prior written consent of the MAL only.

UAN Number or any other government recognized id (like-Aadhar card, PAN card, PRAN card) is mandatory for making gate pass.

(B) Procedure to be followed by the Contractor/Tenderers during the work period.

Documents / Registers / Challans to be maintained & photocopies of the same should be submitted to HR Department for verification on monthly basis on or before 28th of every month.

1) Wage disbursement: Minimum wages as notified by State Govt. from time to time are required to be paid to the workers.

2) Monthly wage to all contract laborers as per their actual attendance to be paid on or before 7th Day of every month in presence of authorized person from MAL. Wage slip will be issued to all Contract Labours while disbursement of wages.

3) PF is required to be deducted in respect of all the contract labors and deposited with PF authorities by 21st Day of the month and receipt of the same to be submitted with MAL.

4) ESIC is required to be deducted in respect of all the contract labours and deposited with concern authorities by 21st day of the month and receipt of the same to be submitted with MAL.

5) Labour Welfare Fund is required to be deducted in respect of all the contract labours and deposited with concern authorities for the wages of June & December of every year within stipulated time and receipt of the same to be submitted with MAL.

6) Professional Tax is required to be deducted in respect of all the contract labours and deposited with concern authorities as per act and receipt of the same to be submitted with MAL.

7) Following records under Contract Labour (R&A) Act & other acts will also be verified by Contract Labour Cell:

1. Wage Register in form XVII. (Under the C.L Act)
2. Muster Roll in Form XVI (under the C.L Act)
3. Register of deductions (under the C.L Act)
4. Register of Overtime (under the C.L Act)
5. Register of Fines (under the C.L Act)
6. Register of advances (under the C.L Act)
7. Bonus Register in Form C (under the Payment of Bonus Act)
8. Leave register in Form 20 (under the Factories Act)

8) Copy of all the work orders (first two pages only applicable only if not submitted earlier) for which clearance certificate is sought.

9) Copy of Monthly Wage Register.

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I/We confirm having accepted all the terms as mentioned above.

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- 10) Copy of monthly PF challan along with receipted copy of monthly PF returns i.e. Form 12A, Form 5 and Form 10.
 - 11) Site wise breakup of PF: If Contractor/Tenderer is working for various other companies then the site wise breakup of Monthly PF challan/returns.
 - 12) Copy of Labour License (if not submitted earlier).
 - 13) In case the work period is February/March, then the receipted copy of Annual PF return for that year is required.
 - 14) Inspection report of PF and Labour authority.
- Tenderer/ Contractor should ensure that he has complied all statutory compliances as per above said acts for that particular Month before raising wage bill. MAL has the right to hold the bill for any particular month if the Tenderer/ Contractor has not complied with the mandatory statutory compliances. The Tenderer/ Contractor shall always keep MAL indemnified from any risk/ liability/ penalty/ cases arising from non-compliance of the same.
- 15) All workers shall be provided with written and understandable Information about their employment conditions in respect to safety & wages before they enter employment and about the particulars of their wages for the pay period concerned each time that they are paid and deduction of fines for non-compliance of safety standards if any.
 - 16) There should be no discrimination in hiring, training, compensation, access to training, promotion, termination or retirement based on race, caste, national origin, religion, age, disability, gender, marital status, sexual orientation, union membership or political affiliation.

➤ **The below mentioned Statutory compliance must to submit by vendors before 20th day of next month.**

Annexure-E

PF/ ECR challan copy

PF, ECR & Payment receipt

ESIC, ECR & payment receipt

PT challan copy

MLWF (in the month of June & Dec)

Levy payment proof [for Security vendor only]

Muster roll cum Wages register, including bonus and leave wages payment

In / out entry register maintained at entrance security gate

Register of deduction for damage & loss

Register of Over Time Register

Register of Fine

Register of Advances

Wage Slips

Proof of salary made through RTGS/Bank transfer/Cheque payment.

Bonus Register Form C, D & Leave Form 20 to provide annually.

➤ **MAL has CLMS System for registration of Vendors, below docs need to provide by Tenderer/ Contractor during working period & for his laborer.**

PF allotment letter

ESIC registration letter if wages are less than Rs.21000/-

Pan Card

GST Registration Certificate

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MLWF registration certificate
Professional tax number
Copy of Work / Purchase Order
Owner Name and cell/Phone number
E.mail ID of vendor
Site In charge name and his cell number
Copy of labour license, if strength is more than 50 numbers
If wages are more than Rs.21000/ >Employees Compensation Policy or GPA policy with list of employees [Payslip or declaration regarding wages are more than Rs.21000/- are must to be provide by vendor for above mentioned policies]"

➤ **The below mentioned documents of workers are to be require for CLMS registration.**

1.E.pehchan card under ESIC or
2.Workman Compensation Policy or
Group Personal accident policy with list of employees Payslip or declaration regarding wages are more than Rs.21000/- are must to be provide by vendor for above mentioned sr.no.2."
Copy of aadhar card
Copy of PAN card
Copy of cheque leaf or bank pass book
UAN Number under PF Act
Cell Number of workers

(C) HOUSEKEEPING:

Tenderer/ Contractor shall do housekeeping and shall remove all unwanted materials from the work site immediately after completion of work. Housekeeping shall also be done in between the work to keep the work area clean & tidy. 25% of the bill's value will be deducted if housekeeping is not done properly.

(D) ASSIGNMENT OR SUB-LETTING OF CONTRACT:

The Tenderer/ Contractor shall not assign or sub-let the Contract or any part thereof or allow any person to become interested therein in any manner whatsoever without the previous consent in writing of MAL. Any breach of this condition shall entitle MAL to take such steps as may be necessary and also terminate Contract. Such termination shall also render the Tenderer/ Contractor liable for payment to MAL in respect of any loss or damage arising or ensuing from such cancellation. The permitted subletting or work by the Tenderer/ Contractor shall not establish any contractual relationship between the sub-contractor and MAL and shall not release the Tenderer/ Contractor of any responsibility under the Contract.

(E) CONTRACTOR/TENDERER TO BE LIABLE FOR ALL THE TAXES ETC:

The Tenderer/ Contractor shall be liable to pay all the taxes payable as per the prevailing laws made applicable or might come in force from time to time by the concerned authority. MAL shall not be responsible for the same.

(F) INDEMNITY:

Without prejudice to any other provisions in these conditions, the Tenderer/ Contractor shall be bound to keep MAL, Its Directors or any representative employee agents, fully indemnified against any action, claim or proceedings under the provisions of any rules, regulations, byelaws, notifications, directions or order having the force of law. The Tenderer/ Contractor in contravention of such provisions etc., for the infringement or violation thereof in the course of the execution or completion of the work under the Contract and if, as a result of any such action, claim or

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proceedings, the Tenderer/ Contractor or such representative of the Tenderer/ Contractor, as the case may be, adjudged to be liable to any penalties or to pay any penalties or to pay any compensation, such liability, the Tenderer/ Contractor and if, MAL has to take-over the liability, MAL shall deduct all amounts arising out of such liabilities from the Security Deposit or from the running account of the Tenderer/ Contractor or from any other amount due and payable by MAL to the Tenderer/ Contractor under this Contract or any other Contract and without prejudice to any other legal remedy available to MAL.

(G) TENDERER/ CONTRACTOR TO COMPLY WITH ALL LAWS ETC:

The Contractor/Tenderer shall be responsible for ensuring compliance with all Central and State Laws as well as the Rules, Regulations, Byelaws and Orders of the Local Authorities and Statutory Bodies as may be in force from time to time. The Tenderer/ Tenderer shall give to the statutory bodies, local authorities, police, and other relevant authorities all such notices etc. as may be required by law and obtain all requisite Licenses and pay all fees, Duties, Taxes, charges etc. in connection therewith as may be livable on account of his operations involved under this Contract.

The Contractor/ Tenderer shall make good at his own cost any damage to the property of the Company or any other body, persons, local authorities etc. due to or arising from operations involved under this Contract and the Company shall have the right to recover the cost of damage from dues payable from the Bank Guarantee or Security Deposit of the Tenderer/ Tenderer.

If Company's job-controller observes non-compliance by the Contractor/Tenderer in complying with provisions of labour statutes and specific Acts relevant to the Tender/ Contract, Company shall retain double the value of the non-compliance amount taking into consideration interest, penalty and dues. In case the Company is forced to pay the dues, along with interest and penalty, due to failure of the Contractor/Tenderer, the Company shall be at liberty to recover such amount or any part thereof by deducting it from the Security Deposit or from any sum due by the Company to the Contractor/Tenderer whether under this Contract or otherwise.

(H) CONFIDENTIALITY:

Both the parties during the continuance of this Agreement and 3 (Three) years after termination of this Agreement, Tenderer and/or his employees/ personnel shall keep all information, such as specifications, technical information, business data and other confidential information under this Agreement strictly confidential and shall not. Disclose it to any third party or use it for other purpose than to perform its obligations under this Agreement. Tenderer/ Tenderer and/or personnel may disclose the information to an employee of Tenderer, or a government agency or other regulating authority.

But only insofar as this is necessary either to carry out its duties under this Agreement or comply with any existing law, and under intimation to "Company". Where sub clause (b) applies, the Tenderer and/or personnel shall ensure that the person who receives the information keeps it confidential and does not use it for any unauthorized purpose. If any unpublished price sensitive information is disclosed by the Company the Contractor/Tenderer and its representatives, agents, shall comply with the provisions of the Insider Trading regulation applicable and made applicable from time to time.

Unauthorized disclosure of business "secrets" or confidential information is considered as gross indiscipline and liable for penalty.

(I) Personal Data Privacy:

Tenderer consents to other party to provide any personal data, if any and if necessary and also undertake to process personal data provided by the other party in a manner consistent with applicable laws, in particular with the

The participating company's declaration:

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provisions of the Digital Personal Data Protection Act, 2023 and rules made thereunder including the implementation and use of technical and organizational measures to ensure an appropriate level of their security.

(J) RELATIONSHIP:

Each party understands that they are independent entities and this Agreement does not make it, its/ his employees, associates or agents, the legal representatives of the other party for any purpose whatsoever. Either party has express or implied right or authority to assume or to undertake any obligation in respect of and on behalf of or in the name of the other party or to bind the other party in any manner in respect of any transaction, except the present agreement.

(K) WAIVER:

The failure of either party to enforce at any time any of the provisions of this agreement shall not be considered to be a waiver of the right of such a party thereafter to enforce each and every provision.

(L) ENTIRE AGREEMENT:

This Agreement supersedes all oral and written representations and agreements between the parties, including, but not limited to any earlier agreement relating to the subject matter thereof and/or any other agreement between the parties in relation to the subject matter thereof.

(M) AMENDMENT:

The parties to this Agreement may add, delete, amend or alter all or any of the terms & conditions of this Agreement as mutually agreed from time to time and such modifications and changes shall not be effective until the same are in writing and duly signed by the authorized representatives of both the parties.

(N) Declaration of Tenderers/ Contractors Relation with MAL Employee(s):

Should a Tenderers/ Contractors have a relation or in the case of a firm, one or more of its partners a relation or relations employed in MAL or in case of company any of its official or relations employed in MAL, the authority inviting tenders shall be informed in writing of the fact at the time of submission of the tender. If so, the name, designation, department and Employee Number of such employees be indicated failing which MAL may in its sole discretion reject the tender or rescind the contract. If any ex- employee(s) of MAL is/ are employed, with the Tenderers/ Contractors, name, designation, department and employee number of such employee(s) be indicated and if any ex-employee(s) of MAL is/are employed after acceptance of tender, the said particulars shall also be intimated immediately in writing to MAL from time to time. If the Tenderer/ Supplier fails to inform the same, MAL shall at sole discretion may reject the tender.

(O) The Tenderer/ Contractor shall not be entitled to any claim including any cost, charges, TA/DA expenses or incidentals for the preparation and submission of this tender even if the Management may decide to withdraw the "NITT".

(P) Dispute not to hold up works:

The successful Tenderer(s) shall not stop the work in case of any dispute(s) unless further progress of work has been rendered impossible due to non-fulfillment of any reciprocal promise. Unilateral stoppage of work by the Tenderer shall be considered as a breach of contract and MAL reserves the right to take such action as it may deem fit keeping its interest as paramount.

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ANNEXURE III

Scope of Works & Contract Conditions for smooth operation:

Before submitting the rates in excel sheet, the bidders should be clear about the scope of works.

For any doubts, bidder should get it cleared from the job coordinator.

MAL-K1 Unit :- Shri. Rajesh Deshpande (Tel. 022-5068 44611, Mob. 9702713426)

Mail- rajesh.deshpande@dfpcl.com

MAL -K8 Unit – Shri. Rahul vaidya (Tel.022-5044 3038 , Mob.)

Mail- rahul.vaidya@dfpcl.com

- The time allowed for carrying out the work as entered in tender / specified by Job Coordinator shall be strictly conserved by the contractor and shall be reckoned from the date on which the order to commence the work or completion of work is given to the contractor.
- If the progress of any portion of the work is unsatisfactory the MAL shall not be withstanding that the general progress of the work is satisfactory, the Contractor will have no claim for compensation, for any loss sustained by him owing to such action.
- The contractor or contractors will be responsible for the loss of their material as well as the material issued by MAL due to pilferage/theft. Hence, they shall have to ensure the security & safety of the material at their own expense.
- MAL shall have power to make any alterations in, or additions to the original specification drawings, designs and instructions that may appear to be necessary or advisable during the progress of the work and the Contractor shall be bound to carry out the work in accordance with any instructions in this connection.
- All quarry fees, royalties, octroi dues and ground rent for stacking materials, outside local issue if any will be settled/paid by the Contractor.
- Female coolies / workers / employees shall not work between 18.00 hrs. to 07.00 hrs.
- IF Any Quantity like to be increased the contractor must take Prior approval before job execution.
- Contractors should appoint a Main Engineer as In-charge of a minimum of 10-years' experience for each site.
- Under the main Civil In-charge, Contractor must deploy the civil engineers as per sites having minimum 5 years' experience of relevant work.
- The contractor must visit the site before he quotes the tender.
- All the QA/QP must maintain the contractor for all the items of execution at his own cost.
- Daily Progress report must be submitted by contractor to job coordinator.
- All the RCC work to be carried out as per IS 456-2000
- The contractor must make his own power distribution board system with required ELCB, MCB,50m Cable etc. (Refer. Electrical checklist is attached)
- The contractor must submit the Reconciliation statement.
- Quality Assurance & Quantity Verification through TPI Agencies
- Falsification or tampering of records, including safety certificates, attendance records, academic credentials, etc., will be considered as default and may invite penalty upon the Contractor.

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CONTRACTORS SCOPE OF SUPPLY---

All mentioned materials (Cement, OPC & as per Service code details,), Skilled and unskilled labor, manpower, machinery, tools tackles etc.to complete job in all respect. Material should be as per technical specification laid down by MAL /UHDE or approval consultants.

Lifting and shifting machinery like Backhoe (JCB), Poclain, Forklift, boom lift, man lifter, Hydra, Farana, cranes,etc. hiring equipment's all should be healthy for operation with skilled operator and complied by all statutory documents, will be in your scope.

Item wise details description as per attached sheet.

A separate excel sheet containing the service line items is given in each of the scope of works document in sealed envelope.

GST will be extra as applicable.

Contractor's liability for all taxes as per Govt. Notification.

The Contractor shall be liable to pay all the taxes payable as per the statutory requirements & made applicable from time to time by the concerned authority. MAL shall not be responsible for the same.

PRICE BID FORMAT

You will submit the quote considering with material (Material in your scope) and without material (Material provided by MAL) (Details are mentioned in details of Service code whether its required or not)

Please note that this is only the unit rate chart. The monthly bill will be approved for payment only on completed actual quantum of such listed services & supply as completed by the Contractor and certified by Job Co-Ordinator.

The contract is on a Value basis. For every item unit is mentioned.

Approximate Tender Value per year will be 3.50 Crs .(Includes Routine/Misc.CAPEX/Shutdown/MOC related jobs)

For K1 MAL-Rs. 2 Crs

For K8 MAL- Rs. 1.50 Crs

Any increase in the quantity which exceeds the value of the order should be considered at the same listed unit rate agreed by the contractor. The finalized rate will be applicable throughout the contractual period & for similar works conducted by the contractor in the Plant premises of K1, K7 and K8 Plant.

Similarly, if by the end of the contract period the value in the said contract remains un-utilized then the validity of the said order will be extended. However, such a decision remains at the sole discretion of the MAL Management.

The unit rates quoted by the suppliers shall remain firm till the completion of the contract period and during an extended period if any. No unit rate escalation on any other ground shall be allowed.

The quantity may be very +/- on either side during the tenure of the contract, The contractor/Tenderer will be paid as per the actual execution of the job which is to be certified by our job coordinator.

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Maintenance and Plant specific Jobs

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***The participating company's declaration:
I/We confirm having accepted all the terms as mentioned above.***

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(Company name, seal and signature of authorized person with Designation)

(1) INTRODUCTION:

Execution of various types of works as per mentioned in subject described here under is an occasional service required at various plants at Taloja.

(2) ABBREVIATIONS AND DEFINITIONS:

DFPCL: Deepak Fertilisers & Petrochemicals Corporation Ltd.

MAL: Mahadhan Agritech Limited

EIC: Engineer - in - Charge as defined in the General Conditions of Contract.

GCC: General Conditions of Contract annexed as part of this contract documents.

FIM: Free Issue Materials - This refers to materials issued by the company free of cost to the Contractor/Tenderer for performance of work under the contract and as per the conditions of the contract.

ISBL: Inside Battery Limit - The areas designated at individual sites by the company as forming part of inside battery limit.

OSBL: Outside battery limit - The areas designated at individual sites by the company as forming part of outside battery limit.

PPE: This refers to Personal Protective Equipment and covers all necessary personnel protective equipment to be used by Contractor/Tenderer staff and workmen for executing the works under the contract.

DOR: Division of Responsibility - This refers to the division of responsibility for providing the items specifically mentioned under the heading DOR in this document. The DOR is only for providing the item and it is the Contractor/Tenderer's the responsibility to execute and operate safely the company provided items.

UOM: Unit of Measurement

SOR: Schedule Of Rates

SOP: Standard Operating Procedure in use at respective site

S.H.E.: Safety, Health & Environment Department

TDS: Tax deducted at source.

PSV: Pressure safety valve

(3) DETAILED SCOPE OF WORK:

3.1. A. General

The scope of work includes collection of all raw materials and other FIM from designated locations including performing all handling, loading, unloading, intermediate storages, fabrication, erection, dismantling, hydrostatic / pneumatic testing, box up, providing assistance during commissioning, etc as per drawings, specifications and instructions of EIC, provision of qualified, experienced and trained manpower and supervision, provision of all PPE for all manpower, provision of all material in Contractor/Tenderer scope including tools and tackles, reconciliation of all company supplied FIM, preparation, maintenance, submission and obtaining EIC approval on all required and specified documents, reports, accounting for all company

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supplied materials, following all statutory requirements and completion of the job in all respects.

- B. Contractor/Tenderer shall arrange for transportation of its personnel within the site. If Contractor/Tenderer deploys vehicles for movement of its personnel, the vehicle shall meet the fitness requirements specified by the company and shall not be more than four years old.
- C. Contractor/Tenderer shall ensure that the site is always maintained clean. All material shall be stacked neatly, and useful and scrap material shall be segregated based on the type of material. Spillage of grease, lubrications, etc shall be avoided and if happens, the same shall be cleaned immediately as per approved procedures.
- D. Sampling will done as per IS requirement / specification or random basis and needs to be tested at NABL accredited laboratory in presence of MAL engineer.
- E. For every bituminous item theoretical and actual consumption needs to be submitted MAL.
- F. Physical weighment to carried out for every vehicle (gross and net) at MAL weighbridge or conditional based at outside premises.
- G. Dye penetrant testing (DPT), including provision of all required testing consumables and equipment of approved make and specifications, performing all required surface preparations on the testing areas like grinding, buffing, etc, performing all coordination with designated inspectors of the company for witnessing the testing, preparation of all records of the testing and obtaining approval of the test reports

(4) FREE ISSUE MATERIALS (FIM)-

Free Issue Material Reconciliation: The Contractor/Tenderer shall prepare a material consumption statement every month and obtain EIC's approval for the same. The approved consumption statement shall be submitted along with every running account bill. The Contractor/Tenderer shall also submit material reconciliation statements every quarter and shall obtain EIC's approval of the same. Material consumption and reconciliation statements shall be prepared in formats approved by EIC.

Contractor/Tenderer shall ensure that all FIM are handled with care during all times, is responsible for the safe upkeep of the items and shall return the same at company designated places on completion of the job or as and when instructed by the EIC. Contractor/Tenderer shall inspect the FIM on initial receipt from the company and bring to the notice of the EIC any discrepancy in quantity or quality of the materials received. Contractor/Tenderer shall periodically inspect the FIM in its possession and maintain necessary records of the same. Contractor/Tenderer shall always maintain an updated account of the use of FIM. Suitable recovery of the cost of the material shall be made for damaged or lost FIM.

In the event of non-availability of consumable and other materials (under Company scope), the Contractor/Tenderer shall arrange to **procure** and supply the same on specific request made by EIC. The rate for the material supply shall be discussed with EIC and site contract cell and the Contractor/Tenderer shall obtain approval of rate from site contract cell of the company. On supply of the material, the Contractor/Tenderer is entitled to charge the approved rate of the same together with overhead and handling costs not exceeding 10% (Ten percent) of the approved

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material cost for all such supplies. The purchase shall be done from a GST /VAT registered party only. The claim should be supported by the original copy of cash memo with gate entry stamped as per instructions specified in GCC.

(5) Scope of material supply by the Contractor/Tenderer include:

- A.1. All welding consumables including electrodes, filler wires for all carbon steel, SS, LTCS (as per SOR) piping and structural fabrication works. The electrodes should be purchased from reputed manufacturers like M/s Advani Oerlikon, D&H, ESSAB, L&T and approved by EIC.
2. All gases required for cutting, welding, heating and for all other activities. The gases shall confirm to the specifications and purity requirements as specified in the standards and procedures. The gases include oxygen, dissolved acetylene, argon, nitrogen, helium, etc.
3. All miscellaneous consumables like tungsten rods, purging and shielding arrangements, hoses for gases, etc.
4. All gases shall be supplied in cylinders meeting the safety requirements, fitted with flash back arrestors (both at cylinder outlet and at torch inlet), pressure gauges. The cylinders shall be handled in cylinder trolleys tied up with safety chains.
5. Provision of all welding machines, HF units wherever required, attachments for GTAW welding, regulators, grinding machines, drilling machines, gas cutting torches, gas heating torches, hydro test pumps (motorized and manual), hydraulic pipe bending machines, electrode baking and holding ovens, portable electrode holding ovens, etc and all other equipment required to complete the job as per drawings, specifications, and instructions of EIC.
6. All equipment and measuring instruments shall be calibrated and shall have valid calibration certificate throughout the usage period.
7. Provision of all accessories for all the equipment mobilized by the Contractor/Tenderer including all electrical cables (without joints), extension boards, plug tops, lugs, pressure gauges, valves, other measuring instruments, thermo chinks, etc.
8. Provision of all tools and tackles including all required fitter tools, wire brushes (separate for CS, SS and other materials), chain pulley blocks, wire rope slings, chisels, files, manual punch (letters and numbers), etc
9. All material required for performance of dye penetrant tests, hardness inspection, including penetrants, developers, and samples, etc.
10. All equipment, accessories, consumables, insulation material required for pre heat, post heat, post weld heat treatment of the welds.
11. Qualified, experience and trained workmen and supervisors for performance of the entire job in Contractor/Tenderer scope including dedicated safety, quality supervisors and engineers.
12. Contractor/Tenderer shall ensure availability of minimum number of personnel as directed by EIC at all times at site. The Contractor/Tenderer shall also mobilize additional manpower to work and complete any emergency work as directed by EIC. All work executed by the Contractor/Tenderer shall be measured and become payable as per the terms and conditions of this contract and the schedule of rates which forms part of this contract. No additional compensation is payable to the Contractor/Tenderer for the performance of any work under this contract beyond those specified in the schedule of rates.
13. Provision of all PPE for its workmen and staff including safety goggles, helmets, safety shoes, hand gloves, welding helmets, safety body harness, etc. as per the safety standards specified and instructions of EIC.

B. Testing requirements of Contractor/Tenderer supplied materials.

1. The Contractor/Tenderer shall follow all site-specific instructions and procedures with regard testing requirements of Contractor/Tenderer supplied equipment, tools and tackles.
2. Qualified Contractor/Tenderer shall offer all electrical equipment's and hand tools, gas cuttings equipment's, all pressure gauges, regulators, all lifting tools and tackles, wire rope slings, D shackles, etc for inspection by designated persons of the company and shall obtain approval before usage.

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3. Contactor shall obtain certificates as per factory act for all rigging tools and tackles and shall maintain validity of the certificates by offering for periodic inspection to authorized agencies and shall ensure that only those tools with valid certificates are used in the job.

4. Contractor/Tenderer shall at all times maintain records of all tools and tackles, equipment, measuring devices and gauges, including inspection and certification details, and make them available for inspection by EIC or any other authorized personnel.

(6) DIVISION OF RESPONSIBILITY

6.1 Under Contractor/Tenderers scope -

- a. Accommodation to workmen
- b. Accommodation to Contractor/Tenderer staff
- c. Vehicle for transportation of workmen
- d. Vehicle for transportation of Contractor/Tenderer material within site
- e. Vehicle for transportation of FIM within site
- f. Mobile lifting equipment for loading / unloading / shifting of Contractor/Tenderer material within site.
- g. Mobile lifting equipment for loading / unloading / shifting FIM material within site.
- h. Contractor/Tenderer office
- i. Safety tapes
- j. Display boards
- k. Material lifting equipment like chain pulleys, etc.
- l. PPE for workmen and staff
- m. Welding Machine
- n. All welding accessories
- o. All cutting machines, accessories.
- p. All gases
- q. All welding consumables for CS, LTCS, NACE specifications

6.2 Under MAL Scope

- 1.Space for Contractor/Tenderer office inside MAL premises subject to availability.

(7) EXECUTION PROCEDURE

7.1 General

The procedure mentioned herewith is to be read in conjunction with the drawings, specifications and standards mentioned elsewhere in the document. The execution procedure mentioned here is not exhaustive and the Contractor/Tenderer shall prepare a method statement of the work execution and shall submit the same to EIC for approval. Contractor/Tenderer shall follow the Standard Operating Procedures wherever applicable and instructed by EIC. All work shall be executed as per approved procedures only.

Contractor/Tenderer shall contact the EIC for detailed work instructions for all work categories and execute all work accordingly. Permit to work procedures shall be always followed.

Contractor/Tenderer shall prepare AS BUILT drawings for all fabrication and erection works. These drawings shall be "marked up drawings" - changes marked on the drawings issued by MAL for work execution.

Contractor/Tenderer shall prepare all quality records for all its work; obtain approvals from designated inspection authorities from MAL. All work certifications shall be based on inspection cleared works only.

Contractor/Tenderer shall make itself fully conversant with the locations and the type of job to be carried out therein so that the scope of work is clearly understood and shall assess the requirement of resources required to complete the work in scheduled time. Contractor/Tenderer shall contact the respective Engineer-in-charge for this purpose.

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The Contractor/Tenderer shall prepare and submit to the EIC a schedule based on the work targets advised by EIC. Contractor/Tenderer shall mobilize resources and shall meet the targets advised by EIC. The Contractor/Tenderer shall submit progress reports at specified intervals and shall be responsible to ensure achievement of work targets. All welding work shall be executed by qualified and certified welders only. Contractor/Tenderer shall apply for welder qualification witness by authorized MAL personnel. Welders shall be deployed only for the processes they have been qualified. Contractor/Tenderer shall maintain welder performance records in the formats specified in the codes and as provided by the EIC. All welding shall conform to the standards and site-specific specifications. All welding consumables and gases in the scope of supply of Contractor/Tenderer shall be of approved manufacturer only. Contractor/Tenderer shall apply for EIC's approval of manufacturer if its proposed manufacturer is not already approved by MAL. Contractor/Tenderer shall ensure storage of all consumables as per manufacturers' recommendations and instructions of EIC. Contractor/Tenderer shall ensure wherever specified, baking and holding temperatures of consumables, preheating, post heating of the work, maintenance of inter pass heating / quenching, etc. All equipment's deployed for heating the work and ovens for baking / holding the consumables shall have calibrated gauges. All gases used for fabrication shall meet the purity requirements. Contractor/Tenderer shall submit manufacturer certificates for all gases and consumables supplied. Contractor/Tenderer shall ensure all grinding wheels used are within validity period and are not after expiry dates. All date expired grinding wheels shall be immediately removed from the site. Contractor/Tenderer shall ensure that lifting tools and tackles including wire rope slings, D Shackles, etc are tested and carry the certification stamp. All tools and tackles that have failed the tests shall be removed immediately from the site. Contractor/Tenderer shall maintain a list of lifting tools and tackles, their certification details and shall have a system for revalidation of the same before the expiry of the certification validity period. Contractor/Tenderer shall perform all co-ordination works with other Contractor/Tenderers whenever instructed by EIC if there are interfacing requirements between one or more Contractor/Tenderers / agencies during execution of job under this contract. (Examples: Coordination requirement with Contractor/Tenderers performing Scaffolding, NDE, PWHT, Civil works for underground piping, blasting and painting, hydro jetting, etc. works).

(8) SAFETY

- a. The Contractor/Tenderer shall follow safety rules & regulations, safety procedures as per the safety standards and comply with the safety requirements.
- b. The Contractor/Tenderer shall deploy at site a full-time safety in-charge and full-time safety officers with requisite qualification, experience and training. The safety in-charge shall be a senior person.
- c. The Contractor/Tenderer shall submit an organization chart of its department to the EIC and shall obtain EIC' approval. The Contractor/Tenderer shall mobilize and always ensure availability of personnel as per approved site safety organization during execution of work under this contract.
- d. The Contractor/Tenderer is required to deploy persons for specific jobs who are trained and skilled in particular trade and well familiar with hazards and safety precautions.
- e. The site staff and workers of the Contractor/Tenderers are required to undergo safety orientation before they are assigned work at site. No person shall be allowed at work site without safety orientation. Contractor/Tenderer shall make hazard identification and risk assessment of job and accordingly will be using skilled manpower with appropriate safe job procedure and personnel protective equipment's. Job supervision is compulsory.
- f. The Contractor/Tenderer shall plan and execute work in such a way to avoid accidents / injuries to its-own staff and workers, other workers, company employees, damage to company property and damage to environment.
- g. Adequate resources must be made available by the Contractor/Tenderer for safe execution of work at site. Short cut methods or make-shift arrangement will not be allowed.

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- h. The Contractor/Tenderer shall ensure that any time during the performance of the work his personnel are fit to execute the tasks assigned and are not under the influence of any alcoholic liquor, drug or other intoxicating substances.
- i. The Contractor/Tenderer shall make himself and all staff/workers familiar with emergency procedure and response action to respond rightly in the event of any emergency due to fire/gas leak, etc. in the operating plants at site.
- j. Contractor/Tenderer shall ensure that all its staff and workmen are aware of the site-specific safety guidelines wherever applicable and shall ensure that the same is followed.
- k. It is the responsibility of the Contractor/Tenderer to ensure good housekeeping at work site. The scrap debris, unwanted material etc. shall be removed frequently from the workplace to avoid accident and work area shall be kept tidy. Gangways shall be kept clear of obstructions. Contractor/Tenderer shall deploy dedicated personnel for housekeeping.

Personal Protective Equipment (PPE)

The Contractor/Tenderer shall provide personal protective equipment as specified to its staff and workmen such as, safety helmets, safety shoes, safety goggles, ear plugs, hand gloves, safety harness / belts, overalls, gum boots etc. and other work equipment as required for safe execution of work at his cost. Special PPEs/ safety appliances, if required for any job as mentioned below job may be provided by the company on chargeable / returnable basis (cost of repair or damage as a result of mishandling will be charged from the Contractor/Tenderer). All the safety equipment’s should meet the specifications prescribed/approved by S.H.E. department of the respective sites.

8.1 Activity/Hazard and Recommended PPE

- 1) Nontoxic dust nuisance---Dust mask, Panoramic goggles, Hand gloves PVC/ Rubber
- 2) Toxic & Corrosive liquids/gases --Face shield, PVC Apron, PVC suit with hood, Positive Pressure suit , Panoramic Goggles, Gum Boots, SCBA sets, Airline mask set, Cartridge type Mask,
- 3) Working at height --Full body Safety Harness / Belt with two lifelines, Canvas hand gloves, Leather Palm canvas hand gloves,
- 4) Material Handling --Leather hand gloves, Aluminized hand gloves, Aluminized suit with hood, Asbestos/Leather apron, Spectacle type toughened glass,
- 5) Grinding/Chipping --Goggles, Panoramic goggles

8.2 Responsibility of provision of PPE

Under Contractor/Tenderer Scope.

Dust mask, Safety helmets, Boiler suit, safety shoes , Panoramic goggles , Hand gloves PVC/ Rubber , Face shield, PVC Apron, Panoramic Goggles, Gum Boots, Full body Safety Harness / Belt with two lifelines, Canvas hand gloves, Leather Palm canvas hand gloves, Leather hand gloves, Asbestos/Leather apron, Spectacle type toughened glass.

2 Under MAL Scope on returnable basis-

PVC suit with hood,
 Positive Pressure suit, SCBA sets,
 Airline mask set, Cartridge type Mask, Aluminized hand gloves, Aluminized suit with hood,
 In case returnable PPEs are not received back/received in damage condition beyond normal wear & tear, cost of PPE shall be deducted from the bills of Contractor/Tenderer concerned.

8.3 Specifications for Contractor/Tenderer provided PPE.

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The personal protective equipment shall be of standard make and preferably should have ISI mark or other certificate of approval from recognized institution/organization and ensure that are maintained in good condition and worn by workers as per the requirement.

Safety Helmet: Moulded out of high impact, heat & chemical resistant HDPE with brim for additional side protection with 6-point ergonomic adjustable head band & chin strap and approved as per BIS specification no. IS: 2925-1984

Safety Goggles: Toughened/ Polycarbonate scratch resistant lens with side shield, optically correct zero power, impact resistant and approved as per BIS specification no. IS: 7524 Part-I.

Safety Harness with double lifeline: Waist belt with shoulder strap, 6mm thick coated friction buckle& joint less D-ring, 44 mm wide nylon webbing, padded back, nylon stitched along with copper rivets for additional safety," quick fit" spring loaded hook and approved as per BIS specification no. IS: 3521.

Safety Shoes: High ankle shoes, made from fine quality plain black leather, padded collar, D-rings, full below attached tongue, with steel toe cap as per IS 5852 with direct injection PVC Nitrile heel sole resistant to acid, alkali, oil.

8.4 Guidelines for Personal Protective Equipment

Safety Harness / Belt: Full body safety harness / safety belts with two lifelines shall be provided for all jobs at heights. No persons will work at height without fall arrest device / safety belt with two lifelines except where standard scaffolds/work platforms are erected with proper handrails/ toe guards for fall protection.

Safety Goggles: Appropriate eye protection shall be used by the persons according to nature of hazard. The Contractor/Tenderer has to ensure that safety goggles/face shields are provided to workers.

Ear Plugs: Persons engaged in jobs near high level of noise (85 db or more) shall be provided with ear plugs / earmuffs.

Hand Gloves: All workmen / supervisors shall be provided with and use work gloves (cotton hand gloves) to avoid minor hand injuries. Other types of hand gloves specific to hazards will be used by workmen / supervisors.

Scaffolding: The Contractor/Tenderer is required to use standard scaffolding and temporary work platforms for jobs at elevations 2 meter or more. Unsafe work methods shall not be allowed. All temporary work platforms shall have guard rails/toe guards with proper means for access.

Electrical Equipment: All the electrical equipment shall be in good working condition. The electrical circuits shall be used with ELCB. Electrical circuits/ extensions boards used for hand tools shall have ELCB of 30 mA rating. Power supply cables with joints shall not be used at site.

Safety Guards: All moving parts like fly wheels, toothed gears, belt drives shall be provided with proper guards. No equipment/ machine with exposed moving parts shall be used at site.

Lifting Equipment: All lifting equipment, chain blocks, tools, tackles, cranes, etc shall have valid certification from a competent authority and shall be maintained in good working condition.

Fire Extinguishers: Contractor/Tenderer shall make adequate provision and provide fire extinguishers at certain locations e.g. stores containing combustible materials, solvents, paints, fuel storage, gas cylinder storage etc.

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Gas Cylinders: Gas cylinders trolleys shall be used for safe handling gas cylinders at site. The Contractor/Tenderer must have adequate trolleys to handle gas cylinders.

(9) WORKINGHOURS

Normal working time shall be same as the general shift timing of the respective sites. This will be 8 working hours excluding lunch time. However, based on the job requirement during the planned /unplanned shutdown/emergencies or as per plant requirement and instructions of EIC, Contractor/ Tenderer shall work beyond normal working hours also. No separate / additional compensation shall be payable for the same. (In such cases the Contractor/Tenderer must work as and when required without any percentage increase on SOR.)

(10) MOBILIZATION

Contractor/ Tenderer shall arrange for necessary materials, workmen and supervision to start the work within 48 hours of instruction from EIC. In case of emergency or shutdown, Contractor/Tenderer shall mobilize all required resources and start the work within 24 hours of instruction of EIC.

To & fro transportation of the equipment shall be arranged by Contractor/Tenderer. However mobile crane/tractor, EOT/ HOT facilities, if required for loading /unloading supply of slings and movement of the machine at site shall be provided by Company, free of charge. However actual activities of loading / unloading, internal shifting of machines shall have to be done by Contractor/Tenderer's manpower.

Contractor/Tenderer shall complete all formalities for its staff & workmen with company's P&A / IR/Contract Cell as required for gate pass and mobilize the manpower as per the requirement of EIC.

Contractor/Tenderer shall interact with S.H.E. department of company for scheduling training program for its total untrained personnel prior to entering complex.

Contractor/Tenderer shall initiate gate pass request to EIC, get it counter signed by P&A/IR/Contract Cell and then submit to security in advance as required to mobilize manpower.

(11) JOB COMPLETION TIME

For individual works from time to time as and when need arises, separate intimations shall be issued from individual plants/ EIC. Contractor/Tenderer shall ensure mobilization of all required resources and completion of the job including dismantling, etc. as per EIC instructions.

(12) MODE OF MEASUREMENT

Mode of Measurement will be guided by & as per instructions given by our EIC / Job Coordinator Measurement need be carried out in presence of EIC. Once Measurement has completed & Contractor/ Tenderer have to get acknowledgement on measurement sheet from EIC/ Job Coordinator. Same Sheet needs to be attached / present at the time of bill submission & Payment.

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Price Bid Format: As per Annexure "A"

Prices to be submitted for regular jobs And Annual Shutdown jobs as well.

Planned Annual shutdowns will be informed to the Contractor / tenderer 20 days prior.

Note: -There will be no % increase will be given in pricing for Breakdown/ Emergency & Annual Shutdown. For this regular ARC pricing will be applicable.

Scaffolding / Hydra/ Farana / Crane will be provided by MAL, Wherever not mentioned in scope as per Annexure -A.

NOTE:-

Another ARC Scope is published on Deepak fertilisers & Petrochemicals Ltd website - <https://www.dfpcl.com/tender> And will be open & Close for same period of time.

Budget is different for both Companies, both tenders are on value basis only.

At the time of price finalization will combine both ARC's & negotiate accordingly.

Annexure A -Consists of Unit Name, Service Code, Short text of Service, Detail description of Service & UOM.

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Details of Job Scope

| Sr no | Service Code | Details of Service Code | UOM | Details Description |
|-------|--------------|---------------------------------|-----|--|
| 1 | 1003200 | SCAFF ELEV 0-15M, WITH CONT MAT | M3 | <p>Scaffolding erection from ground up to 15 mtr height. Detailed scope of work: Area of allocation : All DFPC plants located in TALOJA1. Providing and erection of scaffolding from ground up to 15 mtr height locations using 1-1/2 inch NB steel tubular heavy class pipes of grade YSt 22 with suitable clamping arrangement. 2. Provision of steel gratings, ladders and platforms with handrails, toe guards and base plates at the required locations. 3. Removal of the steel gratings, scaffolding pipes and all other scaffolding materials on completion of the job. 4. The job includes provision of all required tools and tackles, lifting arrangements like chain pulley blocks, all consumables. 5. Qualified, experienced and trained supervision and labour. 6. Mobilizing and demobilizing scaffolding material and all necessary required accessories, tools and tackles from contractor's scope. SPECIFICATIONS, CODES AND STANDARDS: The entire scope of services shall confirm to the following referred specifications, codes and standards and instructions of the EIC. IS 2750 : Steel scaffolds IS 1161 : Specification for steel tubes for structural purposes IS 1570 (Part I): Schedule of wrought steel for general engineering purposes IS 4014 : Steel tubular scaffolds IS 3696 : Scaffolding safety codes In addition to the above, specific HSE and service execution specifications and standards may be advised to the contractors by the EIC. Site specific procedure is listed below Contractor supplied materials: The following materials shall be supplied by the contractor All scaffolding material , All accessories for scaffolding. All tools and tackles required for the performance of the services All equipment and accessories required for material handling/ shifting / storing. All PPE required for the contractor workmen and staff like dust masks, safety body harness, safety belt, ladder, safety shoes, helmet, hand gloves, safety goggles, any other PPE, rain gears, overalls, etc.</p> |

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| 2 | 1003202 | SCAFF ELEV 15-30M, WITH CONT MAT | M3 | <p>Scaffolding erection from 15 mtr ht to 30 mtr ht. Detailed scope of work: Area of allocation : All DFPC plants located in TALOJA Providing and erection of scaffolding from 15 mtr ht to 30 mtr ht. Using 1-1/2 inch NB steel tubular heavy class pipes of grade YSt 22 with suitable clamping arrangement. 2. Provision of steel gratings, ladders and platforms with handrails, toe guards and base plates at the required locations. 3. Removal of the steel gratings, scaffolding pipes and all other scaffolding materials on completion of the job. 4. The job includes provision of all required tools and tackles, lifting arrangements like chain pulley blocks, all consumables. 5. Qualified, experienced and trained supervision and labour. 6. Mobilizing and demobilizing scaffolding material and all necessary required accessories, tools and tackles from contractor's scope. SPECIFICATIONS, CODES AND STANDARDS: The entire scope of services shall confirm to the following referred specifications, codes and standards and instructions of the EIC. IS 2750 : Steel scaffolds IS 1161 : Specification for steel tubes for structural purposes IS 1570 (Part I): Schedule of wrought steel for general engineering purposes IS 4014 : Steel tubular scaffolds IS 3696 : Scaffolding safety codes In addition to the above, specific HSE and service execution specifications and standards may be advised to the contractors by the EIC. Site specific procedure is listed below Contractor supplied materials: The following materials shall be supplied by the contractor All scaffolding material ,All accessories for scaffolding. All tools and tackles required for the performance of the services All equipment and accessories required for material handling/ shifting / storing. All PPE required for the contractor workmen and staff like dust masks, safety body harness, safety belt, ladder, safety shoes, helmet, hand gloves, safety goggles, any other PPE, rain gears, overalls, etc.</p> |
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| 3 | 1008990 | P&F Galvanized mechanical rolling shuttr | M2 | Providing <(>&<)> Fixing Galvanized mechanical rolling shutter of 20-gauge G.I-Strips with perforated strip for 2m height and wicket gate of 3 feet x 5 feet size. Specifications as per below: (1) G.I Strip 20-gauge (2) G.I Perforated Strip 20-gauge (For 2-metre height) (3) M.S Guide 12-gauge of 75 mm width (4) M.S Bracket 10-gauge (5) M.S Bottom 14-gauge (6) Pipe 1.5-inch Dia. A-Class (7) G.I Hood (Top Cover) 24-gauge (8) Gear box bearing system (9) Single coat of red oxide on M.S parts and Final Epoxy coat Vendor Scope: supply, Instalation, Transportation, Insurance, Test Certificates of material, site visit if any, Tools-Tackles Dfpc/STL Scope: Permit, Power supply, Scaffolding if required |
| 4 | 4000001 | Prov. mixng & lay plain concrete M-100 | M3 | Providing, mixing & laying plain concrete of any thickness below footing, plinth beams, drains, flooring, paving, pedestals, etc. using graded stone aggregate including form work consolidation, finishing etc. complete and curing. (Rate applicable for depth below GL, not exceeding 3 mtr and height not exceeding 1st floor) |
| 5 | 4000002 | Prov. mixng & lay. plain concrete M-150 | M3 | Providing, mixing & laying plain concrete of any thickness below footing, plinth beams, drains, flooring, paving, pedestals, etc. using graded stone aggregate including form work consolidation, finishing etc. complete and curing. (Rate applicable for depth below GL, not exceeding 3 mtr and height not exceeding 1st floor) |
| 6 | 4000004 | P&L RCC M-150 for foundation, beam, col | M3 | Providing, mixing, laying cast in situ RCC concrete, mechanically mixed, vibrated and finished in line and level curing etc. with mix 20mm size graded aggregate in foundation, equipment foundation, plinth beams, beams, columns, RCC walls, vertical / circular lintel beams, beams excluding sunshades, roof slabs, staircase, waist slab / steps, louves etc. Rate applicable for depth below GL not exceeding 3m & height not exceeding 1st floor including shuttering/centering complete reinforcement steel shall be paid separately. |

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| 7 | 4000005 | P&L RCC M-200 for foundation,beam,col | M3 | Providing, mixing, laying cast in situ RCC concrete, mechanicallymixed, vibrated and finished in line and level curing etc. with mix20mm size graded aggregate in foundation, equipment foundation,plinth beams, beams, columns, RCC walls, vertical / circular lintelbeams, beams excluding sunshades, roof slabs, staircase, waistslamb / steps, louves etc. Rate applicable for depth below GL notexceeding 3m & height not exceeding 1st floor including shuttering/centering complete reinforcement steel shall be paid seperately. |
| 8 | 4000006 | P&L RCC M-250 for foundation,beam,col | M3 | Providing, mixing, laying cast in situ RCC concrete, mechanicallymixed, vibrated and finished in line and level curing etc. with mix20mm size graded aggregate in foundation, equipment foundation,plinth beams, beams, columns, RCC walls, vertical / circular lintelbeams, beams excluding sunshades, roof slabs, staircase, waistslamb / steps, louves etc. Rate applicable for depth below GL notexceeding 3m & height not exceeding 1st floor including shuttering/centering complete reinforcement steel shall be paid seperately. |
| 9 | 4000007 | P&L RCC in foundation etc for addl floor | M3 | Providing, mixing, laying cast in situ RCC concrete, mechanicallymixed, vibrated and finished in line and level curing etc. with mix20mm size graded aggregate in foundation, equipment foundation,plinth beams, beams, columns, RCC walls, vertical / circular lintelbeams, beams excluding sunshades, roof slabs, staircase, waistslamb / steps, louves etc. Rate applicable for depth below GL notexceeding 3m & height not exceeding 1st floor including shuttering/centering complete reinforcement steel shall be paid seperately.(1st floor for every additional floor.) |
| 10 | 4000008 | P&L RCC M-150 for roof slab,canopy etc | M3 | Providing, mixing, laying RCC concrete mechanically mixed, vibratedand finished in line and level, curing etc. for RCC roof slabs,canopy, sunshades, louvers, fins, staircases, for all thickness uptofirst floor including shuttering. |
| 11 | 4000009 | P&L RCC M-200 for roof slab,canopy etc | M3 | Providing, mixing, laying RCC concrete mechanically mixed, vibratedand finished in line and level, curing etc. for RCC roof slabs,canopy, sunshades, louvers, fins, staircases, for all thickness uptofirst floor including shuttering. |

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|----|---------|---|----|--|
| 12 | 4000010 | P&L RCC in roofslab etc for addl floors | M3 | Providing, mixing, laying RCC concrete mechanically mixed, vibrated and finished in line and level, curing etc. for RCC roof slabs, canopy, sunshades, louvers, fins, staircases, for all thickness upto first floor including shuttering. (for additional floors) |
| 13 | 4000011 | Providing precast slabs (RCC) M - 150 | M3 | Providing precast slabs (RCC) M - 150 as per detailed drawing & the design including shuttering, mechanically mixed concrete, curing etc. including hoisting, fixing, complete of any thickness 50mm to 200mm (reinforcement shall be paid separately). |
| 14 | 4000012 | Prov. M-150 RCC concrete for RCC road | M3 | Providing M-150 RCC concrete for RCC road, paving as per drawing and details in panels including form work, curing etc. complete. Concrete shall be mechanically mixed and vibrated and finished in line & level as per specification and directed by Engineer-Incharge. Reinforcement shall be paid separately. |
| 15 | 4000014 | Leaving pocket upto depth 300mm | EA | Leaving pocket not exceeding 0.1 m ² in concrete structures inclusive of fixing, shuttering and removal, in proper location, size and level while concrete and grouting the same after fixing the bolt etc. complete as specified and directed. |
| 16 | 4000015 | Leaving pocket depth 300-800mm | EA | Leaving pocket not exceeding 0.1 m ² in concrete structures inclusive of fixing, shuttering and removal, in proper location, size and level while concrete and grouting the same after fixing the bolt etc. complete as specified and directed. |
| 17 | 4000016 | 25mm grouting with OP cement | M2 | 25mm grouting below base plates and frames with cement mortar 1:3 including necessary form work compacting, curing etc. complete as specified and directed. |
| 18 | 4000018 | 25mm grouting using GP2 or equivalent | M2 | 25mm grouting below base plates and frames with cement mortar 1:3 including necessary form work compacting, curing etc. complete as specified and directed. |
| 19 | 4000019 | Prov & mixng water proofing compound | KG | Providing and mixing Cico/Inperno/other approved quality waterproofing compound in concrete and in plaster at 3 1/4 by weight of cement or as per manufacturers instruction for work wherever specified. |
| 20 | 4000020 | Prov. & fixng 150 mm PVC water stopper | RM | Providing and fixing in position 150 mm wide caliplast 102 or approved quality PVC water stops for const. |

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|----|---------|--|----|---|
| 21 | 4000021 | Making metal scaffolding with pipe | M3 | SCAFFOLDING : Making scaffolding as per requirement and DFPCL's safety standard with contractors material (including pipes, scaffolding, clamp, bracings and binding materials and platforms with wooden planks) and fixing properly as per DFPCL's safety standards for repair of RCC ceiling, beams, columns, walls etc. Payment shall be paid in m3 for any height with bottom of the scaffolding to be considered as the floor level. |
| 22 | 4000023 | Pressure grouting | M2 | Pressure grouting : Water proofing of RCC structures like roofslabs, water tanks underground structures etc. by pressure grouting with non-shrink water proof grouting compound as per specification including fixing of nozzles, supply of all materials, labour complete in all respect and as per direction of the engineer. |
| 23 | 4000024 | Brick masonry in cement mortar (1:5) | M3 | Providing first class burnt brick masonry in foundation & upto first level in storm water drains, trenches etc. and plinth including dewatering, racking out joints on exposed faces and watering etc. & inclusive of scaffolding complete as specified & directed in cement |
| 24 | 4000026 | Prov. 115mm thk 1st class burnt bricks | M2 | Providing 115 mm thick first class burnt bricks or cement masonry with conventional IS standard bricks in cement mortar 1:4 including scaffolding, racking out joints and watering etc. complete as specified & directed including providing of RCC runner as specified in technical specifications upto first floor. |
| 25 | 4000027 | Prov. 115mm 1st class burnt brick adl. Fl. | M2 | Providing 115 mm thick first class burnt bricks or cement masonry with conventional IS standard bricks in cement mortar 1:4 including scaffolding, racking out joints and watering etc. complete as specified & directed including providing of RCC runner as specified in technical specifications upto first floor. |
| 26 | 4000028 | Providing random rubble masonry | M3 | Providing random rubble (best locally available stone) in cement mortar 1:5 in foundation, compound wall, culvert, barriers and plinth including de-watering and racking out joints on exposed faces and providing headers @ one in every 2.5 m2 of masonry with corner stones as required with masonry brought to courses at every 1.5 mtr height, curing etc. complete as directed. |

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|----|---------|--|----|--|
| 27 | 4000029 | Making holes in 230mm brick wall | EA | Making holes of reqd size in 230mm brick wall for exhaust fan and making good the same in CM 1:4. |
| 28 | 4000030 | Prov. & laying Indian Patent Stone 40mm | M2 | Providing and laying Indian Patent Stone in 1:2:3 cement concrete using 12 mm and below grit and sand mixed aggregate to the average thickness specified and laid in alternate panels of 6 Sq.M. The top to be trowelled smooth and cured for a period of at least 7 days and completed as per specifications at all levels and directions of our Engineer. |
| 29 | 4000033 | Providing 100mm round vatta in cement | RM | Providing 100mm round vatta in cement mortar 1:4 with smooth cement finish complete as directed. (area covered by vatta to be deducted from plaster). |
| 30 | 4000034 | Fixing insert plates, bolts, pipes | KG | Fixing insert plates, bolts, pipes etc. in position as required and grouting the same in the concrete as directed. |
| 31 | 4000037 | P&F white gl tiles in floors and dado | M2 | Providing and fixing in floors and dado first quality 6mm thk white glazed tiles of approved make of H.R Johnson or equivalent laid over 20mm thk bed of 1:4 cement mortar including neat cement float filled joints with neat cement slurry & cleaning all complete. Size of the tile shall be as per reqmt or as directed by the engineer in charge (contractor shall also quote basic price of the tiles and make). |
| 32 | 4000038 | Prov.& fix. spartek or eq. Ceramic tiles | M2 | Providing and fixing spartek or equivalent ceramic floor and dado tiles, bedding materials in CM 1:4 as per specifications including filling the joints with joint filler of matching colour (contractor shall also quote basic price of tiles and make). |
| 33 | 4000040 | P & L 30mm thk kota stone for flooring. | M2 | Providing and laying polished 30mm thk kota stone for flooring on 1:2 line mortar including cement float, filling the joints with cement slurry, curing, polishing, rubbing, cleaning etc. complete. |
| 34 | 4000041 | P & L 30mm thk kota stone for skirting. | RM | Providing and laying polished 30mm thk kota stone for 150mm high skirting on 1:4 cement mortar backing with cement float, filling joints with cement slurry, curing, polishing, rubbing and cleaning etc. complete. |
| 35 | 4000042 | Polishing existing kota stone fl. | M2 | Polishing, rubbing and cleaning the existing kota stone flooring with necessary grinding machine, tools etc complete. |
| 36 | 4000043 | Polishing, rubbing and cleaning skirting | RM | Polishing, rubbing and cleaning the existing 150mm high skirting with necessary tools etc. complete. |

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|----|---------|--|----|---|
| 37 | 4000044 | Providing and fixing polished kadappa | M2 | Providing and fixing both sides polished black kadappa 25,240mm thk in line and level in cement mortar as per design and specification and as directed. |
| 38 | 4000045 | Providing and spreading gravel. | M2 | Providing and spreading gravel / metal over areas including dressing in line and level 75-100mm thick as directed. |
| 39 | 4000046 | Providing Kaddapa partition for urinal | M2 | Providing partition for urinal of 30mm thick machine cut and machine polished on both sides and edges kadappa stone of approved shape, quality including cutting holes of reqd. sizes in the appropriate places to receive pipes etc. fixing in cement mortar 1:3 curing and cleaning complete. |
| 40 | 4000047 | Providing Marble partition for urinal | M2 | Providing partition for urinal of 20mm thick machine cut & machine polished on both sides and edges marble slab of approved shape, quality including cutting holes of reqd. sizes in the appropriate places to receive pipes etc. fixing in cement mortar 1:3 curing and cleaning complete. |
| 41 | 4000048 | Providing water proofing to terrace slab | M2 | Providing water proofing to terrace slab with average 100mm thick concrete of broken bricks bats and cement mortar 1:5 in the proportion of 2 parts of brick bat and 1 part of mortar, laid to prepare slope of mortar, well rammed, watered and consolidated with vatta 15 cm at junctions of walls and IPS flooring 1:2:3 (12.5 mm chips) 40mm thk with an admixture of approved waterproofing compound CICO / Inperno or of any approved quality as per manufacturer's specification laid after grouting the surface of brick bat coba with neat cement slurry in alternate suitable square to reqd slope as direct including filling in joints with bitumen & clearing the slab top of all dust and loose material tamping, finishing and curing complete as directed and specified (horizontal measurement clear between walls and will be paid for) |
| 42 | 4000062 | P&F 14g GI sheets | M2 | Providing & fixing A.C corrugated sheets for roof of Everest make including cutting to reqd. size, hoisting and fixing at all levels with J/L seam bolts, 8mm dia nuts and bolts, GI v/s and bitumen v/s with necessary scaffolding complete as per specification as directed. (But for 14g GI sheets) |

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|----|---------|---|----|--|
| 43 | 4000065 | P&F 2mm thk fibre glass transparnt sheet | M2 | Providing and fixing fibre glass transparent sheets of approved quality as per specifications and as directed. |
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| 44 | 4000071 | Five course tarfelt water proofing tratm | M2 | <p>Contractor's Scope :1) Scraping and removing the existing bitumen treatment from of A.C.sheet roof joint, parapet wall, nut bolt and ridge top .2) Collecting the dust and debris lower down the same. Disposing outside prmisses3) Providing and applying one coat of biuminous primer, double coatsof hot bitumen grade 85/25 or 90/15 along with one layer of TarfeltRollgrade 1 type III .4) Finally applying full coat of terracotta slurry above treatment ofterrace , parapet wall R.C.C sloping roof etc. complete.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises. Hook will be provided by dfpcl2) Issuing the permit after complete preparation by Contractor.SAFETY PRECAUTIONSThe contractor shall follow safety rules <(>&<)> regulations, safetyprocedures as per the safety standards and comply with the safetyrequirements.The contractor is required to deploy persons for specific jobs who aretrained and skilled in mechanical activty and well familiar withhazards and safety precautions.The supervisor of the contractors are required to undergo safetyorientation before they are assigned work at site. No person shall beallowed at work site without safety orientation.Contractr shall ensure that any time during the performance of the workhis personnel are fit to execute the tasks assigned and are not underthe influence of any alcoholic liquor, drug or other intoxicatingsubstances.The contractor shall provide personal protective equipment as specified to it's staff and workmen such as, safety helmets, sWORKINGHOURSNormal working time shall be same as the general shift timing of the respective sites. This will be 8 working hours excludinNo person is allowed to work beyond 12 hours in routine <(>&<)> 16 hoursin case of extreme urgency.MOBILIZATIONContractor shall arrange for necessary Supervision person to start thework within 1 dayof instruction from EIC. Incase of emergency orshutdown, contractor shall mobilize all required resources 4day ofinstruction of EIC.HOUSEKEEPINGIt is the responsibility of the contractor to ensure good housekeepingat work site.This should be certify by process shift engineer.JOB COMPLETION TIMEThe total contract duration is as specified in the contract. However forindividual works from time to time as and when need arises, separateintimations shall be issued from individual plants/ EIC. Contractorshall ensure mobilization and completion of the job includingdismantling, etc. as per EIC instructions.</p> |
| 45 | 4000072 | Rolling with 10-12 tons road | M2 | Rolling formation level with 10-12 tons road rollers |

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| | | rollers | | |
| 46 | 4000073 | Supply & filling murrum in layers | M3 | Supplying and filling approved quality murrum in layers 250-300mm thick, watering, rolling with 10-12 ton road roller, consolidating complete as directed. |
| 47 | 4000076 | P&F position with road kerbstone | RM | Providing & fixing position in line and level along with road Kerbstones of 1:3:6 concrete mix with 6mm dia nominal reinforcement as per design drawing including curing complete as directed. |
| 48 | 4000079 | P&L R.C hume pipe NP2-150mm d | RM | Providing and laying R.C hume pipe HP 2 class with collar, jointing, filling with cement mortar 1:1 complete as directed. |
| 49 | 4000080 | P&L R.C hume pipe NP2-250mm d | RM | Providing and laying R.C hume pipe HP 2 class with collar, jointing, filling with cement mortar 1:1 complete as directed. |
| 50 | 4000081 | P&L R.C hume pipe NP2-350mm d | RM | Providing and laying R.C hume pipe HP 2 class with collar, jointing, filling with cement mortar 1:1 complete as directed. |
| 51 | 4000082 | P&L R.C hume pipe NP2-450mm d | RM | Providing and laying R.C hume pipe HP 2 class with collar, jointing, filling with cement mortar 1:1 complete as directed. |
| 52 | 4000083 | P&L R.C hume pipe NP2-600mm d | RM | Providing and laying R.C hume pipe HP 2 class with collar, jointing, filling with cement mortar 1:1 complete as directed. |
| 53 | 4000091 | P&F galvanised chain link 12 G. | M2 | Providing & fixing galvanised chain link fencing made out of following gauge wire diamond square of 50mm thk on MS angles 65x65x6 with the help of flats of 25mm x 3mm chain link fencing shall be held tight by means of 3 horizontal wires of 4mm thk. MS angles, concrete for pedestals etc. shall be paid separately as per structural steel rate and concrete rate. Steel shall be supplied free of cost. |
| 54 | 4000093 | Supplying and fixing barbed wire fencing | RM | Supplying and fixing barbed wire fencing to the existing structural post of compound walls and concrete post including tightening with turn buckles, removal of damaged barbed wire and returning to Stores/scrapyard in proper bundles as directed. |
| 55 | 4000095 | Bricks (per 1000 Nos.) | EA | Supply of bricks (per 1000 nos.) |
| 56 | 4000103 | Quarry dust (brass) | EA | Supply of Quarry dust (per Brass) |
| 57 | 4000104 | Mason | DAY | Supply of Mason |
| 58 | 4000105 | Carpenter (furniture) | DAY | Supply of Carpenter (furniture) |
| 59 | 4000106 | Carpenter (shuttering) | DAY | Supply of Carpenter (shuttering) |

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|----|---------|--|-----|--|
| 60 | 4000107 | Plumber | DAY | Supply of Plumber |
| 61 | 4000109 | Helpers | DAY | Supply of Helpers for Mason, Carpenter (furniture), Carpenter(Shuttering), Plumber, Painter |
| 62 | 4000110 | Male labourer | DAY | Supply of Male labourer |
| 63 | 4000140 | Repair of RCC/Grouting with epoxy matls | KG | Grouting the base plate/bolts for equipment foundations &strengthening R.C.C. Column, beams, slabs. Using CIBA/ATULmortar as per CIBA/ATUL specification and application procedure.Payment shall be made on basis of consumption of Araldite andHardner in Kg. No filler/material shall be considered in theconsumption for payment. |
| 64 | 4000141 | Pres. Grouting / injection of epoxy | KG | Pressure grouting/injection of epoxy of low viscosity of approvedquality like DOBECKOT 505C+HARDENER EH 411 of BECHBONDConstruction Chemicals or equivalent for grouting into concrete beamswalls, cols, floors etc. as per requirement which includes providingnozzels of pvc into the concrete and pressure grouting with pressuregrout pumps. The payment shall be made on the basis of cosumptionof epoxy in Kg basis. |
| 65 | 4000144 | Repairing of Table | EA | Repairing of Table as per requirement as shown and confirmed by ourJob Co-ordinator. |
| 66 | 4000145 | Removal of existing Table Top | SFT | Removal of existing table top by scrubbing with sand paper |
| 67 | 4000146 | Polishing Table with melamine finish | SFT | Painting the table with melamine paint and polishing with machineobtain the required finsh as per our Job Co-ordinator. |
| 68 | 4000147 | P/F new vinear sheet with polishing | SFT | Repairing of table and by providing and fixing new venear sheet ofrequired size and polishing to obtain the required finsh as per ourJob Co-ordinator. |
| 69 | 4000149 | Pro. & fixing vinyl flooring (Tal) | SFT | Providing & fixing Vinyl flooring in the cabin/room/hall atour Taloja works. |
| 70 | 4000156 | Pro.& Fix laminate on shutter 1mm thk | SFT | Providing and fixing laminate on shutter and drawers 1.00mm thk toworking table with changing of handles. |
| 71 | 4000157 | Pro. Fix laminate 1mm thk on wooden rack | SFT | Providing and fixing laminate 1.00mm thick on fume cap boards woodenrack to the working table at Taloja works. |
| 72 | 4000192 | Pro.fix precast M20 Gr.conc.cvr 75mm thk | M2 | Providing and fixing precast M20 grade concrete cover includingconcreting curing reinforcement with necessary provision forlifting formwork, transporting etc. complete as per specificaltondrawings and as directed by owner/consultant (reinforcementto be paid separately). |

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| 73 | 4000195 | Prov.Mix shuttering by using ply wood | M2 | Providing and fixing shuttering by using ply wood/ steel plate including proper support etc. complete. |
| 74 | 4000196 | Prov. Filling asphalt in groove | RM | Providing and filling Asphalt (bitumen mix with sand) in groove including levelling etc. complete. |
| 75 | 4000210 | Prov.& lay false floor fram 600mmx600mm | M2 | Providing and laying of false flooring understructure system shall be grid framing of 600mm x 600mm having the following compounds. Pedestals : for height 700mm pedestals shall be 22.3 mm diameter, 3 mm thick seamless MS stud pipe, projection welded on a 100mmx100mmx100mmx1.6 mm thick MS base plate. The base plate shall be die formed and electroplated to prevent rust and corrosion. The base plate shall have factory made holes at four corners for anchoring to the floor by means of dash fasteners. The base plate may be embossed for additional strength. Jack heads:- Jack heads shall be die formed out of 4mm thick galvanised, MS plate out of 90mm x 90mm electroplated with die cut notches to hold stringers snap on and treaded holes, stud for housing into the pedestal. Jacks heads shall be provided with levelling nut and locking nut. Stringers:- Stringers shall be GI grid type minimum 30mm x 20mm rest on the jack heads notches and shall be fixed by means of screws. The stringers shall be spray painted with conductive paint or galvanised to prevent rust and corrosion. Floor Panels:- Panels shall be 600mm x 600mm in size 32 mm thick and constructed in steel with conductive epoxy coating. The panel shall consist of 1.2 mm thick bottom profiled tray dieformed with 1.5 mm thick top sheet as per manufacturer's standard drawing. The bottom tray and top sheet shall be resistance welded at all the touch points. The voids in the tile between the bottom tray and top sheet shall be filled with chemical modified light concrete mix to add strength to the panel and improve its thermal insulation and non flammable property. Surface finish: Antistatic panel The top surface of the panel shall be finished with 0.8mm to 1.2mm thick antistatic high pressure laminate of approved make and colour bonded to the panel top with specially formulated epoxy based conductive adhesive. |

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|----|---------|---------------------------------------|-----|---|
| 76 | 4000221 | Prov. false ceiling armstrong make | M2 | Contractor's Scope :1)Providing using Aluminium Frame Tees including all suspended arrangements2) Make to be Armstrong type perforated Sheets3) Work at all heights including scaffolding which will be non payable.4) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 77 | 4000222 | Removal of Old False Ceiling any make | M2 | Contractor's Scope :1)Removal of False Ceiling (Any Make)2) Shifting the debris out side DFPCL premises.3) Work at all heights including scaffolding which will be non payable.4) Shifting the scrap to scrap yard after taking SGM.5) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 78 | 4000226 | Dewatering using 3 HP TO 5 HP Pumps | PSH | Contractor's Scope :1) supply of dewatering pump 3 Hp to 5 HP ele. Pump2) All necessary fitting like starter, Min. 10mt. delivery pipe <(>&<)>5mt suction pipe.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL . |
| 79 | 4000233 | P/F VETRIFIED FLOOR AND WALL TILE | M2 | Contractor's Scope :1. Prov/fixing approved quality ,pattern,coloured verified floor, wall tiles in cm 1:3 including cutting, filling joints with cement or filler material, keeping spacer with maintaining line, <(>,<)> level, pattern etc.2. Including all material, tools, tackles.3. Tile make-Kajarial / Johnson.DFPCL Scope :1. Electricity, water will be provided free of Cost for work insideDFPCL premises.2. CEMENT FREE OF COST. |
| 80 | 4000234 | P/L PCC M10 READY MIX CONCRETE | M3 | Contractor's Scope :1. Providing, mixing <(>&<)> laying plain concrete of any thickness below footing, plinth beams, drains, flooring, paving, pedestals, etc.2. Using graded stone aggregate including form work consolidation, finishing etc. complete and curing. (Rate applicable for depth below GL, not exceeding 3 mtr and height not exceeding 1st floor)3. Centering complete reinforcement steel shall be paid separately.DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPCL premises. |

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|----|---------|--|-----|--|
| 81 | 4000237 | PROVISION & FIXING O FULLY TEMPERED GLAS | M2 | Contractor's Scope :providing and fixing canopy glass with 13.52 thk6mm thk. Fully tempred glass + 1.52 clear PVB + 6MM fully temered glasswith S.S spider of dorma/ozone makeincluding required scaffoldingold damaged glass removing is in contractor scopeDFPCL Scope :1) Safety permit will be provided .2) ele. /water free of charge |
| 82 | 4000238 | BAMBOO SCAFO & TARPOULENE FOR ROOF | SFT | Contractor's Scope :1. PROVIDING ERRECTING FULLY WATER PROOF TEMP.MONSOON SHED in DOUBLELAYERED TARPOLINE TOP WITH SIDE COVERING AS PER REQUIREMENT ANDREMOVING THE SAME AFTER GIVEN CLEARANCE2. REQUIRED TOOLS AND TACKLES SUPPLEIED BY CONTRACTOR3. AFTER COMLPETION OF JOB HOUSE KEEPING WORK IN CONTRACTORSSCOPE.DFPCL Scope :1. Electricity, water will be provided free of Cost for work insideDFPCL |
| 83 | 4000239 | BAMBOO SCAFO & TARPOULENE SIDE CLADING | SFT | Contractor's Scope :1. PROVIDING ERRECTING FULLY WATER PROOF TEMP.MONSOONSHED in DOUBLE LAYERED TARPOLINE TOP WITH SIDE COVERING AS PERREQUIREMENT AND REMOVING THE SAME AFTER GIVEN CLEARANCE2. REQUIRED MATERIAL TOOLS TACKLES SUPPLEIED BY CONREACTOR3. safety pps will be given by conractosDFPCL Scope :1. Electricity, water will be provided free of Cost for work insideDFPCL |
| 84 | 4000241 | Breaking old tiles and taking outside | M2 | Contractor's Scope :1. Dismantling old brick work using pneumatic hammer/chisel, cutting andremoval of debise etc. to be collected and kept separately for handingover to stores and disposal of debris outside premises.SCOPE.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL |
| 85 | 4000243 | Making of wooden boxes | M3 | Contractor's Scope :1) providing and making wooden paking boxes as required size2) all material like wood nail etc. is in contractor scopeDFPCL Scope :1) Electricity, water will be provided free of Cost for work inside |
| 86 | 4000246 | P/F Metallic sheet false with framing | M2 | Contractor's Scope :Providing <(>&<)> fixing false ceiling in Cabin / Hall / Room made outof metalic sheet with necessary framing. The location of the site to beconfirmed from our Job Co-ordinator.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |

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| 87 | 4000247 | Prov. & Lay.RMC (Batching plant), M30 | M3 | Contractor's Scope :1) Providing and laying M-30 grade RCC of trap metal in position inclusive of all material 2) Finishing and compacting by vibrator. 3) Curing of concrete by hessian cloth / ponding. 4) 20mm size graded aggregate in foundation, equipment foundation, plinth beams, beams, columns, RCC walls, vertical / circular lintel, beams, beams excluding sunshades, roof slabs, staircase, waist slab / steps, louves etc. 5) Rate applicable for depth below GL not exceeding 3m height not exceeding 1st floor including shuttering / 6) Centering complete reinforcement steel shall be paid separately. DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPCL premises. |
| 88 | 4000251 | Extra over bk msnry. for addl. floor 5-10m | M3 | Contractor's Scope : Providing first class burnt brick masonry in foundation upto first level in storm water drains, trenches etc. and plinth including dewatering, racking out joints on exposed faces and watering etc. inclusive of scaffolding complete as specified directed increment Rates applicable for additional floor vertical level 5 m to 10 M level DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPCL premises. |
| 89 | 4000252 | Extra over bk msnry. for addl. floor 10-15m | M3 | Contractor's Scope : Providing first class burnt brick masonry in foundation upto first level in storm water drains, trenches etc. and plinth including dewatering, racking out joints on exposed faces and watering etc. inclusive of scaffolding complete as specified directed increment Rates applicable for additional floor vertical level 10 m to 15 M level DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPCL premises. |
| 90 | 4000253 | Extra over bk msnry. for addl. floor 15-20m | M3 | Contractor's Scope : Providing first class burnt brick masonry in foundation upto first level in storm water drains, trenches etc. and plinth including dewatering, racking out joints on exposed faces and watering etc. inclusive of scaffolding complete as specified directed increment Rates applicable for additional floor vertical level 15 m to 20 M level DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPCL premises. |
| 91 | 4000254 | Extra over bk msnry. for addl. floor 20-25m | M3 | Contractor's Scope : Providing first class burnt brick masonry in foundation upto first level in storm water drains, trenches etc. and plinth including dewatering, racking out joints on exposed faces and watering etc. inclusive of scaffolding complete as specified directed increment Rates applicable for additional floor vertical level 15 m to 20 M level DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPCL premises. |

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|----|---------|--|-----|---|
| 92 | 4000255 | Supply of sewage cleaner (bhangi) | DAY | Contractor's Scope :1) Supply of sewage cleaner for chamber cleaning2) All safety PPE 'S supply by contractorDFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost forwork inside DFPCL premises. |
| 93 | 4000256 | Supply & fixing 4' x 8' 12mm W/F ply. | SFT | Contractor's Scope :1) supplying and fixing waterproof ply 12mm thick2) Required nails & tools.DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost forwork inside DFPCL premises. |
| 94 | 4000257 | Supply & fixing 4' x 8' 6mm W/F ply. | SFT | Contractor's Scope :1) supplying and fixing waterproof ply 6mm thick2) Required nails & tools.DFPCL Scope :1) Electricity, water, Safety permit will be provided free of Cost forwork inside DFPCL premises. |
| 95 | 4000258 | Prov & Fixing Reflective Pavement Marker | EA | Contractor's Scope :1) Provision & fixing of Reflective Pavement Markers (RPM).2) The RPM should be anchored to the road/concrete surface.3)The material of RPM shall be of Plastic which is moulded from AcrylicStyrine Acrylonitrite4) The RPM should support the load of 13635 Kg when tested5) The reflective panels of RPM shall consist of no. of lensescontaining single or dual prismatic cubes for providing total internalreflection of the light entering the lens face.6) The colour of RPM should be as approved by user.7) The size of the RPM should not be less than 115 mm X 90 mm X 17.5 mm8) The weight of RPM should be minimum 110 gm per piece.Company's Scope :1) Providing necessary permits for carrying out the job.2) Electricity will be provided free of cost. |

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| 96 | 4000266 | Arresting leakages of A.C sheets of roof | <p>M2</p> <p>Contractor's Scope :1) Cleaning the A.C sheet roof shed collecting the dust- debris lowering down the same and carting away as directed at site.2) Providing and applying double coats of hot bitumen 85/25 or 90/15 along with one layer of standard quality khadi cloth over the roof joint hook Nut-bolt, crack portion leaky point of the roof shed wherever necessary and required portion, etc. completed 3) providing and erecting the safety net below the A.C sheet roof shed and removing the same after pre-monsoon dammering work completed. DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises. Hook will be provided by dfpcl 2) Issuing the permit after complete preparation by Contractor. SAFETY PRECAUTIONS The contractor shall follow safety rules & regulations, safety procedures as per the safety standards and comply with the safety requirements. The contractor is required to deploy persons for specific jobs who are trained and skilled in particular trade and well familiar with hazards and safety precautions. The site staff and workers of the contractors are required to undergo safety orientation before they are assigned work at site. No person shall be allowed at work site without safety orientation. The contractor shall ensure that any time during the performance of the work his personnel are fit to execute the tasks assigned and are not under the influence of any alcoholic liquor, drug or other intoxicating substances. The contractor shall provide personal protective equipment as specified to its staff and workmen such as, safety helmets, s</p> <p>WORKING HOURS Normal working time shall be same as the general shift timing of the respective sites. This will be 8 working hours excluding MOBILIZATION Contractor shall arrange for necessary materials, workmen and supervision to start the work within 48 hours of instruction from EIC. In case of emergency or shutdown, contractor shall mobilize all required resources and start the work within 24 hours of instruction of EIC. To fro transportation of the equipment shall be arranged by contractor. However mobile crane/tractor, EOT/ HOT facilities, if required for loading/unloading supply of slings and movement of the machine at site shall be provided by Company, free of charge. However actual activities of loading/ unloading, internal shifting of machines shall have to be done by contractor's manpower. HOUSEKEEPING It is the responsibility of the contractor to ensure good housekeeping at work site. The scrap debris, unwanted material etc. shall be removed frequently from the work place to avoid accident and work area shall be kept tidy. Gangways shall be kept clear of obstructions. Contractor shall deploy dedicated personnel for housekeeping. JOB COMPLETION TIME The total contract duration is as specified in the contract. However for individual works from time to time as and when need arises, separate intimations shall be issued from individual plants/ EIC. Contractor shall ensure mobilization of all required resources and completion of the job including dismantling, etc. as per EIC instructions. GATE PASSES REQUIRED GATE PASS MUST BE STRICTLY MADE BEFORE BRINGING ANY LABOUR INSIDE FACTORY PREMISES. FOLLOWING DOCUMENTS ARE REQUIRED FOR GATE PASS 1. ESIC ALLOTMENT LETTER 2. ESIC TIC CARD 3. Labour Licence (if applicable) for any employee 4. P.F. Code Allotment Letter 5. WORK ORDER / LOI 6. Employment Card / I Card 7. Photo Identity Card</p> |
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| 97 | 4000270 | Exc. In all Soils depth upto 2.0 M | M3 | Excavation for foundation, trenches & for attending underground pipelines, etc in all types of soils, sand, gravel, soft & hard murum, soil mixed with boulders, etc including removing the excavated material upto a distance of 50 Mtrs. beyond the building area and with all lift stacking and spreading as directed, dewatering including pumping, if necessary, shoring and structting, preparing the bed for foundation etc |
| 98 | 4000271 | Exc. in all soils depth above 2M upto 3M | M3 | Excavation for foundation, trenches & for attending underground pipelines, etc in all types of soils, sand, gravel, soft & hard murum, soil mixed with boulders, etc including removing the excavated material upto a distance of 50 Mtrs. beyond the building area and with all lift stacking and spreading as directed, dewatering including pumping, if necessary, shoring and structting, preparing the bed for foundation etc |
| 99 | 4000273 | Exc. in hard rock depth 2M to 3M | M3 | Excavation for foundation, trenches & for attending underground pipelines, etc in in hard rock by using chisel & big pneumatic hammer (measurement with 30% deduction for voids shall be paid & to be stacked properly for measurement) including removing the excavated material upto a distance of 50 Mtrs. Beyond the building area and with all lift stacking and spreading as directed, dewatering including pumping, if necessary, shoring and structting, preparing the bed for foundation etc. |
| 100 | 4000274 | Break of PCC, IPS, WBM/Bitumen layer | M3 | Breaking of PCC, IPS, MBM/Bitumen layer, removal of rubble soling, breaking brick bat coba etc. at any height using chisel and hammer, removal of debris etc disposal outside the factory premises. |
| 101 | 4000275 | Dismantling RCC | M3 | Dismantling RCC work using pneumatic hammer/chisel, cutting and removal of reinforcement etc. to be collected and kept separately for handing over to stores and disposal of debris of concrete outside the plant premises. |
| 102 | 4000276 | Dressing area upto depth 150 mm | M2 | Dressing over area upto average depth of 150mm and removing excess material out side the plant premises as directed. |
| 103 | 4000277 | Rem excavated spoil/debris outside | M3 | Removing excavated spoil/dismantled debris to outside the premises. |
| 104 | 4000278 | Rem excavated spoil/debris inside | M3 | Removing excavated spoil/dismantled within the land premises at low area to be dressed and leveled as directed by the Engineer Incharge |
| 105 | 4000279 | Filling available earth in plinth | M3 | Filling available Earth in plinth and floors with approved excavated materials in 15cm to 20cm layers including watering and compacting completing as specified and directed. |

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| 106 | 4000281 | Prov. & laying 230mm rubble soling | M2 | Providing and laying 230 mm thick dry rubble packing under floor including laying in regular lines and level filling in the interstices with long chips, spalls and sand well rammed, watered and consolidated etc. as specified and directed. |
| 107 | 4000282 | Prov. & lay 150mm thk dry rubble soling | M2 | Providing and laying 150 mm thick dry rubble soling under floor including laying in regular lines and level filling in the interstices with long chips, spalls and sand well rammed, watered and consolidated etc. as specified and directed. |
| 108 | 4000286 | Prov. 230mm dry rubble stone pitching | M2 | Providing 230mm thick dry rubble stone pitching laid on sides and bottom wherever required including one header 30 cm long @ 1 per 2.5m ² including pointing the joints with cement mortar 1:4, curing etc complete as specified and directed. |
| 109 | 4000287 | Prov. & filling sand in 15cm to 20cm | M3 | Providing and filling sand in 15cm to 20 cm layers well compacted and watered as directed. |
| 110 | 4000289 | Fab. & Fix. reinforce deformed bars | MT | Fabrication and fixing of reinforcing bars of any dia from 6mm to 32mm including cutting, bending and placing in position and tying with binding wires of 18 SQG as per detail design and drawings specifications for various diameters of bar for all RCC works at any level including de-rusting and strengthening bars supply. The cover to the reinforcement must cover the reinforcement, must be strictly adhered to by means of cement blocks, spacers, or chairs etc. will be measured for payment. Steel shall be issued from DFPCL Stores. Necessary carting etc. by the contractor. Contractor to submit reconciliation of issue material & balance steel to be returned to stores. |
| 111 | 4000290 | Providing cement plaster in 15mm thk | M2 | Providing cement plaster in a single coat in cement mortar 1:4 with neeru finish to concrete bricks or stone masonry surfaces in all position and in all lifts including scaffolding and curing as specified and directed at any level. |
| 112 | 4000291 | 12mm thk ordinary cement plaster 1 coat | M2 | Providing cement plaster in a single coat in cement mortar 1:4 with neeru finish to concrete bricks or stone masonry surfaces in all position and in all lifts including scaffolding and curing as specified and directed at any level. |
| 113 | 4000292 | Cement plaster in 15mm thk addl. Fr. | M2 | Providing cement plaster in a single coat in cement mortar 1:4 with neeru finish to concrete bricks or stone masonry surfaces in all position and in all lifts including scaffolding and curing as specified and directed at any level. (for every additional floor) |

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| 114 | 4000293 | Cement plaster in 12mm thk addl. Fr. | M2 | Providing cement plaster in a single coat in cement mortar 1:4 withneeru finish to concrete bricks or stone masonry surfaces in allposition and in all lifts including scaffolding and curing asspecified and directed at any level. (for every additional floor) |
| 115 | 4000294 | Cement plaster 15mm with smooth finish | M2 | Providing cement plaster in a single coat in cement mortar 1:4 withneeru finish to concrete bricks or stone masonry surfaces in allposition and in all lifts including scaffolding and curing asspecified and directed at any level. (but for rendering smoothfinish, neat cement/cement punning finish.) |
| 116 | 4000295 | Prov. sand faced plaster in 20mm thk | M2 | Providing sand faced plaster in 2 coats (cement mortar for basecoat 1:4 and finish coat 1:3) including scaffolding, keeping thesurface of the base coat rough to receive the sand faced treatment,finishing the surface by exposing to sand grains by sponging andcuring it including grooves, drip moulding etc. complete asspecified and directed. |
| 117 | 4000296 | Prov. sand faced plaster for addl. Fl. | M2 | Providing sand faced plaster in 2 coats (cement mortar for basecoat 1:4 and finish coat 1:3) including scaffolding, keeping thesurface of the base coat rough to receive the sand faced treatment,finishing the surface by exposing to sand grains by sponging andcuring it including grooves, drip moulding etc. complete asspecified and directed. (For additional Floor) |
| 118 | 4000297 | Cement pointing flush on brick masonry | M2 | Cement pointing flush, raised or sunk in CM 1:3 watering,scaffolding all complete as per specification and instruction of |
| 119 | 4000298 | Cement pointing flush on rubble masonry | M2 | our Consultant/Engineer. Cement pointing flush, raised or sunkin CM 1:3 watering, scaffolding all complete as per specificationand instruction of our Consultant/Engineer |
| 120 | 4000299 | Removal of damage plastering of any thk. | M2 | Removal of damage plastering of any thickness in proper shape upto surface of the brick work / concrete and cleaning thoroughly theexisting brick / concrete surface with wire brush etc. including scaffolding, removal of debris and disposal outside theplant premises. |

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|-----|---------|--|----|--|
| 121 | 4000300 | Prov.& fixing teak wood frames | M2 | Providing & fixing best quality indian teak wood frames 125 x 65 mm size including 6 Nos. hold fast 25x3x200mm long, erection of frame, painting of back of frames with 2 coats of wood preservative paint, as per specifications including 2 coats of approved synthetic enamel paint over a coat of primer, complete as per specification, details as directed including plaster groove if required. |
| 122 | 4000301 | Teak wood panelled shutters | M2 | Indian teak wood panelled shutters as per drawing and detailed including anodised brass fittings and fixtures of approved quality as required and directed including two coats of synthetic enamel paint of approved paint and shade over a coat of wood primer. |
| 123 | 4000302 | T/W panelled shutters with sheet glass | M2 | Indian teak wood panelled shutters as per drawing and detailed including anodised brass fittings & fixtures of approved quality as required & directed including two coats of synthetic enamel paint of approved paint and shade over a coat of wood primer, but partly glazed and partly panelled shutter including 4mm sheet glass and teak wood beading etc. |
| 124 | 4000303 | Solid core flush door shutter 32mm thk | M2 | Standard proprietary commercial ply solid core flush door shutters of approved quality (commercial finish on both faces) including teak wood lipping all around and inclusive of all anodised brass fittings and fixtures of approved quality and as directed including 2 coats of approved synthetic enamel paint of approved shade over a coat of primer. |
| 125 | 4000304 | Solid core flush door shutter 38mm thk | M2 | Standard proprietary commercial ply solid core flush door shutters of approved quality (commercial finish on both faces) including teak wood lipping all around and inclusive of all anodised brass fittings and fixtures of approved quality and as directed including 2 coats of approved synthetic enamel paint of approved shade over a coat of primer. |
| 126 | 4000305 | Prov. & fixing panelled shutters 37 mm | M2 | Providing & fixing panelled shutters 37mm thk all as shown in drawing including all heavy brass oxidised fittings as per schedule and 3 coats of enamel paint over a coat of primer of approved brand and shade as directed. Styles - 125mm x 37 mm side rail, 200mm x 37 mm bottom rail, 200mm x 37 mm middle lock rail, 100mm x 37 mm top rail sqn. |
| 127 | 4000306 | Fixing of Al. sheet in door shutters | M2 | Fixing in door shutters 32 G thk aluminium sheet upto lock rail. |

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| 128 | 4000307 | Prov. & fixing push type rolling shutter | M2 | Providing & fixing rolling shutters fabricated from 18gauge steellaths with side guides, bottom rail, brackets, door suspension shaft,rolling spring, locking arrangement and housing box at the topincluding all surface painted with 2 coats of approved oil oraluminium paint over coat of primer including all fittings andfixtures with tested springs.Push type rolling shutter |
| 129 | 4000308 | Prov. & fixing mech. Gear with handle | EA | Providing & fixing rolling shutters fabricated from 18gauge steellaths with side guides, bottom rail, brackets, door suspension shaft,rolling spring, locking arrangement and housing box at the topincluding all surface painted with 2 coats of approved oil oraluminium paint over coat of primer including all fittings andfixtures with tested springs.Extra for mech.gear with handle |
| 130 | 4000314 | P&F MS doors single and double leaf | M2 | Providing and fixing MS doors single and double leaf of approvedmake with all necessary fixtures and fastenings including MS50x50x6 angle frame and 40x40x6 shutter frame with 2mm thickMS plate fixed onside including all fittings and fixtures asspecified & directed, painting with 2 coats of approved paint overa coat of primer etc. complete as specified and directed. |
| 131 | 4000316 | Taking down Door/ Window/ Ventilator | M2 | Taking down carefully existing wooden/steel/aluminium door/window/ventilator from walls without taking off joinery from frame andreturning to Stores, as directed. |
| 132 | 4000322 | Replacing 4 mm thick plain glass | M2 | Replacing following broken glass for MS / aluminium door / windows /ventillator for all levels including necessary scaffolding, gasket,putty, quarter pins as directed. |
| 133 | 4000323 | Replacing 4 mm thick louvers | M2 | Replacing following broken glass for MS / aluminium door / windows /ventillator for all levels including necessary scaffolding, gasket,putty, quarter pins as directed. |
| 134 | 4000324 | Replacing 4 mm thick frosted glass | M2 | Replacing following broken glass for MS / aluminium door / windows /ventillator for all levels including necessary scaffolding, gasket,putty, quarter pins as directed. |
| 135 | 4000325 | Replacing 6 mm thick wired glass | M2 | Replacing following broken glass for MS / aluminium door / windows /ventillator for all levels including necessary scaffolding, gasket,putty, quarter pins as directed. |

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|-----|---------|--|----|---|
| 136 | 4000326 | Replacing 5.5 thick plain glass | M2 | Replacing following broken glass for MS / aluminium door / windows /ventillator for all levels including necessary scaffolding, gasket,putty, quarter pins as directed. |
| 137 | 4000327 | Replacing 5.5 thick toughened glass | M2 | Replacing following broken glass for MS / aluminium door / windows /ventillator for all levels including necessary scaffolding, gasket,putty, quarter pins as directed. |
| 138 | 4000328 | P/F 3mm thick acrylic sheet | M2 | Providing & fixing 3mm thick acrylic sheet of approved quality |
| 139 | 4000329 | P/F 5mm thick acrylic sheet | M2 | Providing & fixing 5mm thick acrylic sheet of approved quality |
| 140 | 4000330 | Repl.of floor spring for Al.door | EA | Replacing of floor spring for aluminium door, Everite make heavyduty (right or left as required). |
| 141 | 4000331 | Repairing door spring & fixing the same. | EA | Repairing existing door spring and fixing the same. |
| 142 | 4000333 | P&F 2mm Al. sheet for door/window | M2 | Providing & fixing aluminium sheet 2mm thk. for doors / windows asdirected. |
| 143 | 4000334 | P & F brass rubber door stoppers | EA | Providing & fixing brass rubber door stoppers of approved qualtiy asdirected. |
| 144 | 4000335 | Servicing rolling shutter | EA | Servicing roller shutter for each operation work including opening,refixing top cover, gear box cleaning, oiling, greasing etc. of anysize complete as directed. |
| 145 | 4000336 | Rem & repl. of Blades 18 G | RM | Removing and replacing of damaged parts of rolling shutters. |
| 146 | 4000337 | Rem & repl. of Bottom rails | RM | Removing and replacing of damaged parts of rolling shutters. |
| 147 | 4000338 | Rem & repl. of side guide | RM | Removing and replacing of damaged parts of rolling shutters. |
| 148 | 4000339 | Rem & repl. of top covers 20 g | RM | Removing and replacing of damaged parts of rolling shutters. |
| 149 | 4000340 | Rem & repl. of spring | EA | Removing and replacing of damaged parts of rolling shutters. |
| 150 | 4000341 | Rem & repl. of spring biggger shutter | EA | Removing and replacing of damaged parts of rolling shutters. |
| 151 | 4000342 | Rem & repl. of gear box connecting rod | EA | Removing and replacing of damaged parts of rolling shutters. |
| 152 | 4000343 | Rem & repl.shaft 80mm dia biger shutter | RM | Removing and replacing of damaged parts of rolling shutters. |

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|-----|---------|--|----|--|
| 153 | 4000344 | Providing and fixing aluminium door | M2 | Providing and fixing aluminium door of approved manufacturers using 5.5mm thick sheet glass and including all accessories with lock, handrail etc. complete. Minimum thickness of aluminium members shall not be less than 2mm and using 100x50 mm aluminium section for outer frame. All aluminium sections shall be anodised. |
| 154 | 4000346 | Prov. new Al.shutter 2mm thk Al.sheet | M2 | Providing new aluminium shutter with existing aluminium outer frame including all accessories with lock etc. complete. |
| 155 | 4000347 | Providing openable type window | M2 | Providing openable type window as per design including 4mm thk sheet glass PVC water stopper, handles and locking arrangements etc. complete. Aluminium sections shall be anodised and shall be of approved manufacturers such as Aluminite / Ajit India etc. |
| 156 | 4000348 | Prov window shutter with exist. Al.Frame | M2 | Providing window shutter with existing aluminium outer frame including all accessories etc. complete. |
| 157 | 4000349 | Prov. sliding type aluminium window | M2 | Providing sliding type aluminium window as per design including 4mm thk sheet glass, PVC water stopper, handles and locking arrangements etc. complete. Aluminium sections shall be anodised and shall be of approved manufacturers such as Aluminite / Ajit India etc. |
| 158 | 4000350 | Prov. MS grills over windows/ventillator | M2 | Providing MS grills over windows/ventillators made out of MS flats/bars as drawing and design |
| 159 | 4000354 | Prov. false ceiling using plaster of par | M2 | Providing false ceiling using aluminum frame tees, including all suspending arrangements of approved manufacturers by using plaster of paris (POP). |
| 160 | 4000355 | Dismtg old & fixing new Al.doors | M2 | Removing and dismantling of existing aluminium doors and fabricating with new 1 1/2" x 10g joining angles having 3/8" dia MS tie rods for top and bottom in which existing glass panels will be fixed with U rubber and refixing the doors with existing floor springs or supplied by company and refixing the pivots on top with 6mm aluminium plate including "T" PVC for vertical members and hardware etc. complete as directed. |
| 161 | 4000356 | Rep of Al.triangular glazing clips | RM | Replacement of aluminium triangular glazing clips of existing doors. |
| 162 | 4000357 | Repl.of 6" Balco brand dead lock 4 lev | EA | Replacement of 6" Balco brand dead lock 4 lever of existing door. |
| 163 | 4000358 | Prov. & fixing accessories for Al.doors | EA | Providing & fixing accessories for aluminium doors and windows such as handles, tower bolts etc. |

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| 164 | 4000364 | Supply & fixing anchor fasteners 12mm d | EA | Anchor Fasteners : supplying and fixing anchor fasteners to the RCCcolumns, beams, slabs a masonry walls at any elevation includingnecessary scaffolding and drilling tools etc. |
| 165 | 4000365 | Supply & fixing anchor fasteners 16mm d | EA | Anchor Fasteners : supplying and fixing anchor fasteners to the RCCcolumns, beams, slabs a masonry walls at any elevation includingnecessary scaffolding and drilling tools etc. |
| 166 | 4000366 | Supply & fixing anchor fasteners 20mm d | EA | Anchor Fasteners : supplying and fixing anchor fasteners to the RCCcolumns, beams, slabs a masonry walls at any elevation includingnecessary scaffolding and drilling tools etc. |
| 167 | 4000367 | Supply & fixing anchor fasteners 25mm d | EA | Anchor Fasteners : supplying and fixing anchor fasteners to the RCCcolumns, beams, slabs a masonry walls at any elevation includingnecessary scaffolding and drilling tools etc. |
| 168 | 4000373 | Painting external wall with APEX acrylic | M2 | Painting of external walls with APEX paint at our Taloja worksas per the scope of work given below :1) Surface Preparation :Cleaning the external surface of walls, staircases etc. with coirbrush for dry cleaning & bysuing wire brush to wet cleaning withwater thoroughly including repairing and sealing of haneycombareas, cracks, edges and corners etc. Surface to be paintedshould be free from all dust, loose paints, grease, chalking,loose Powdery particles, fungus, agae etc. Cleaned the wallthoroughly using wire bursh and water and sand paper ifnecessary. Special attention to be paid to the tops of parapetsand other horizontal surfaces where fungus is most likely grow.2) Paint application:-On the cleaned wall apply two coats of APEX 100% ACRYLICEMELSION Paint by diluting one litre of APEX with maximum400ml of water in case of newly repaired surface and at crackrepair areas application of a priming coat with 100% dilutionby volume followed by two coats with 40% dilution by volumeshall be done. Approved shade paint only to be used. Thisincludes painting at top with special signal red for bands etc.complete as per manufacturer specifications and direction ofthe Engineer-in-charge.All necessary tools, tackles, cage, pullyes, mechanical winches,wire ropes, wire slings, scaffolding materials etc.to be arrangedby the party. |
| 169 | 4000376 | Synthetic oil painting for steel | M2 | Scrapping and cleaning thoroughly the steel surface and applyingone coat of red oxide and two coats of synthetic enamel paintAsian Apcolite of approved shade as specified and directed. |
| 170 | 4000377 | Synthetic oil painting for wood | M2 | Scrapping and cleaning through the wooden surface andapplying one coat of wooden primer and two coat of syntheticenamel paint Asian Apcolite or equivalent of approved shade asspecified with necessary putty. |

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| 171 | 4000379 | Acrylic (plastic) emulsion painting | M2 | Sweeping, scrapping down the peeled of surface of walls, ceiling etc. including cleaning surface rendering the cracks and levelling of an even surface by using "Wall ready" of M/s. Surfa Coats Ltd. as per manufacturers specifications. then applying two coats of Asian Apcolite super acrylic emulsion of approved shade. |
| 172 | 4000381 | Oil bound distemper painting | M2 | Sweeping, scrapping down, peeled of surface of walls, ceiling etc. including cleaning of surface and rendering the cracks and levelling an even surface by using "Wall ready" of M/s. Surfa Coats Ltd. as per manufacturers specifications then applying two coats of applying Oil Bond distemper Tractor Acrylic washable distemper by Asian paint or equivalent of approved shade. |
| 173 | 4000382 | Apply. 2 coats of french polish | M2 | Scrapping and cleaning with sand papers the wooden surface and filling cracks with wax, primer putty sand papering and applying two coats of french polish in required shade as specified. |
| 174 | 4000395 | Dismantling of aluminium louvers | EA | Repairs of aluminium louvers of LDAN prilling tower at 8.5 Mtr level at our Taloja works job includes:- Dismantling the five blades louvers from the system, cleaning, checking, servicing the unit. Providing and fixing the new AL. revs 6 mm dia and SS bolts as and where required and re-shaping the twisted the louvers and assemblies. |
| 175 | 4000396 | Providing & Fix new AL. Plate louvers | EA | Repairs of aluminium louvers of LDAN prilling tower at 8.5 Mtr level at our Taloja works job includes:- Providing and fixing new aluminium plate louvers for LDAN prilling tower with cam 66x 53x2mm necessary bolts and nuts. |
| 176 | 4000397 | Providing & Fix AL. 5 blade louvers | EA | Repairs of aluminium louvers of LDAN prilling tower at 8.5 Mtr level at our Taloja works job includes:- Providing and fixing the aluminium louvers 5 blades without 60x6x5mm angle frame and MS supports which is already available |
| 177 | 4000398 | Providing & fix. openable type shutter | EA | Repairs of aluminium louvers of LDAN prilling tower at 8.5 Mtr level at our Taloja works job includes:- Providing and fixing the openable type shutter aluminium window in 2.5 mm window section, with 2 mm thick aluminium sheet panel duly hold for our vent to the fitted on 35 mm x 35 x 4 mm angle frame. Parliament type SS hinges for shutters SS screws to be used. |

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| 178 | 4000399 | Resembling the door and Al. Shutter | AU | Repairs of aluminium louvers of ANP prilling tower at 8.5 Mtrlevel at our Taloja works job includes:- Aluminium door & shutter dismantling and providing and fixingnew SS studs 12mm dia, 90 cm long with providing and fixing newaluminium panels at the missing places and reassembled the samesize 1 mtr x 1.1 mtr. |
| 179 | 4000414 | 20mm thk smoothNeeru cement plaster | M2 | Providing and laying 20mm thick smooth cement plasterin C.M. 1:4 to all heights, including scaffolding , rackingout of joints with neeru finish on all RCC or masonry works,including moulding and providing grooves in plaster 12 mmwide and 12 mm deep where 2 different materials are in line(e.g. RCC and brickwork, etc) including curing etc. completeas per specificaitons, drawings & as directed by owner/consultant. |
| 180 | 4000415 | 20mm thk smooth finish plaster | M2 | Providing and laying 20mm thick smooth cement plasterin C.M. 1:4 to all heights, including scaffolding , rackingout of joints with neeru finish on all RCC or masonry works,including moulding and providing grooves in plaster 12 mmwide and 12 mm deep where 2 different materials are in line(e.g. RCC and brickwork, etc) including curing etc. completeas per specificaitons, drawings & as directed by owner/consultant. But 20mm thk smooth finish plastering workcomplete. |
| 181 | 4000419 | Prov. fix anodised Al. window/ventilator | M2 | Providing and fixing of anodised aluminum windows/ventilatorexcluded from aluminium section anodised of approvedmanufacturer as per drawing. The ventilator frame shall be of65mmx38 mm x 2 mm thk for all members. Movable glasslouvers frame shall be of 5mm thk glass resting on louversframe with complete fixtures and hardware etc. complete. |

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| 182 | 4000420 | Pro.const.sanitary900mmx600mm brck msnry | EA | Providing and constructing brick masonry inspection chamberwith 900mm x600mm internal dimensions depth not exceeding1:2m including excavation, re-filling and the following: 1:3:6PCC, 150 thick and 75mm offset in foundation. 230mm thickmasonry in cement mortar 1:6 M15 PCC benching and channelingincluding formation of channels slopes and finishing with 20 mmthk cement plaster in 1:4 cement mortar finished smooth withrendering coat of neat cement water proofing compound on inside75mm thick 1000mm x 700mm RCC precast cover slab (M20)including reinforcement 2 nos. lifting holes/hols all jointswell sealed etc. complete as per specifications, drawings andas directed by owner/consultant. |
| 183 | 4000421 | Const.brick msnry manhole dpth upto 2.0m | EA | Construction brick masonry manholes 1200mm x 900mm internaldimentionns including excavation, 150mm thick 1:3:6 PCC information with 150mm offsets, 230mm thick brick masonry upto1.2m depth from top & brick masonry 350mm thick for masnorybelow 1.2 m depth below with cement plaster finished smoothwith neat cement 1:2:4 PCC in benching and channeling of surfacefinished smooth and channel formed to size and levels, includingproviding and fixing M.S. rung patterns one as per reinforcement2 nos. Lifting holes/hoks all joints well selaed and curb angleat manhole cover opening to IS 5455 & covered with precast coverslab of 75mm thick x 1000x1300 mm long having 2 lifting hooks.for depth upto 2.0m. |
| 184 | 4000422 | Pro fix Orissa pan type water closet | EA | Providing and fixing in position coloured glazed 580 x440 mm backinlet Orissa pan type water closet of Hindustan make or approvedequivalent with P or S traps having antisiphonage opening 32mmdia and with 10 ltres C.I. High level flushing cistern with ballcock mosquito prof cover and 12mm stop cock G.I. Overflowpipe with mosquito proof grating at the end, all pipes shall beencased in walls in chasses finished smooth and put in toproper order as per specifications and drawingsss. Rate shallinclude for adequate water proofing complete as per drawings,specifications and as directed by owner/consultant. |

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|-----|---------|--|----|---|
| 185 | 4000423 | Pro.fix clred glaze vitrus china wash bs | EA | Providing and fixing in position coloured glazed vitreous chinawash basin 630 x 450 mm of Hindustan make or approvedequivalent make including C.I. Brackets fixed on walls andalso including chromium plated tap with brass unions andwaster pipe connected to underfloor waste water pipe completeand put into proper working order as per the specificationsdrawings & as directed by owner/consultant. |
| 186 | 4000425 | Prov. Lay Jt.`C' class G.I.Pipe | RM | Providing, laying and jointing `C' class G.I. Pipe for watersupply including all fittings, such as bends, couplings, test,reducerss, stop ends etc. including necessary M.S. clampscombined with a rubber coupling, complete as per thespecificaitons and drawings, rate to include excavation to anywidth and depth, backfilling chasing in brick or concrete surfaceand making them good etc. complete and as directed by owner/consultant. |
| 187 | 4000426 | Pro.fix.12mm di.mtr SEIKO brnd stop cock | EA | Providing and fixing in position SEIKO brand stop cocks orequivalent make including caulking of threaded joints andunion couplings complete as per specification and as directedby owner/consultant. |
| 188 | 4000427 | Pro.fix 12mm dimtr SEIKO brnd Bib cock | EA | Providing and fixing in position SEIKO brand Bib cock offollowing sizes of approved make on G.I.water line completeas per specifications and as directed by owner/consultant |
| 189 | 4000428 | Prov.fix C.I.Nahani Trap chromium plated | EA | Providing and fixing C.I. Nahani Traps with chromium platedbrass jalli etc. complete for 100mm dia connection including100mm C.I. Bend bitumen painted breaking & making thefloor wherever required as per the specifications drawings &as directed by owner/consultant. |
| 190 | 4000429 | Prov. Lay glazed S.W. Gully traps | EA | Providing and laying in position glazed S.W. Gully traps ofapproved manufacturer as directed including 230mm thick brickmasonry chamber of size300x 225 mm built in 1:0 C.M. andplastered inside & outside with 20mm thick C.M. 1:6 Rate shallinclude providing and fixing of mosquito proof 300mm x225mmC.I. Standard hinged frame and cover of approved make andquality including excavation, PCC foundation etc. complete asper specifications, drawing & as directed by owner/consultant. |

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| 191 | 4000436 | Pro,fix galv.chicken wire mesh12x12x24mm | M2 | Providing and fixing in position approved galvanised chickenwire mesh 12mmx12mmx24mm guage at junction ofmasonry and concrete surfaces as directed for use ininterior plastering including cutting, wastage and overlapscomplete as per specification and as directed by owner/consultant. |
| 192 | 4000439 | Sply fab,fix M.S.bolts 10mm to 24mm dia | KG | Supply, fabrication, casting, installing and fixing in positionM.S. holding down threaded bolts nuts washers, anchor platespipes sleeves etc. for equipment tanks, vessels, structuralsteel columns etc. including supplying, fabricating andinstalling necessary templates, providing auxillary dummysstructures, if any, necessary tying and welding to reinforcementadjustment of shuttering greasing exposed metal surfaces andcovering with juts cloth etc. complete and as per drawingsand specifications and as directed by the owner/consultant.Note:- fo templates and auxiliary dummy supports reinforcementrods/structural steel will be supplied free of cost of contractor& will be paid for under steel structurals. Bolts from 10mm andupto 24mm dia. |
| 193 | 4000452 | Prov.& fix rolling shutter 18 guage | M2 | Providing and fixing rolling shutter of 18 guage with completefitting I.e. side guide bracket door suspension shaft, rollingsprings, housing box at the top bottom rails locking arrangementwith all fittings and fixtures including painting with 2 coatsof epoxy paint including mechanical gear with handle. |
| 194 | 4000455 | Aluminum Glaze partition | M2 | Aluminium Glazed partition:- The total frame work of Al.section of size 50x50mm by making panel of 1.00 x 1.00 msize as per the size of room of equally shared. Al. plates(panel) shall be minimum 2 mm thk. Above 1.00 the panelwill of glazed of 5.00 mm thk glass (plain glass) with completetiles, rail members incl. Holdfast for anchoring the frame.Contractractor will submit drawing for DFPCL approval all AL.member shall be anodised and thk of Al. section will minimum2mm thk. |

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| 195 | 4000467 | Prov.& apply str.PU paint with primer | M2 | Contractor's Scope :1) Prov. <(>&<)> Applying 1 Coat of Primer <(>&<)> 2 Coats of high builtPolyurathane Paint2) Surface preparation by Mechanical cleaning using Sand Paper, Grinder,Etc. Complete.3) Thickness of primer coat should be 90 microns minimum.4) Thickness of each coat of Paint should be 40 microns.5) Make of paint should be Berger, Asian or Nerolac with approved Shade.6) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 196 | 4000470 | Prov. & Fix. 1/2 inch GI Pipe | M | Contractor's Scope :1) Prov. <(>&<)> Fixing 1/2 inch C-Class GI Pipe at all heightsconforming to IS 12392) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 197 | 4000471 | Prov. & Fix. 1/2 inch GI Coupling | EA | Contractor's Scope :1) Prov. <(>&<)> Fixing 1/2 inch GI C Class Coupling conforming to IS12392) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 198 | 4000472 | Prov. & Fix. 1/2 inch GI Elbow | EA | Contractor's Scope :1) Prov. <(>&<)> Fixing 1/2 inch GI C Class Elbow conforming to IS 12392) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 199 | 4000473 | Prov. & Fix. 1/2 inch Gate Valve | EA | Contractor's Scope :1) Prov. <(>&<)> Fixing Brass Gate Valve Size 1/2 " X 150 mm Long2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 200 | 4000474 | Prov. & Fix. Waste Coupling | EA | Contractor's Scope :1) Prov. <(>&<)> Fixing 1/2 inch Waste Coupling,1-1/4IN,WASTE PLASTICMAKE2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 201 | 4000475 | Prov. & Fix. GI 1/2 " GI Tee | EA | Contractor's Scope :1) Prov. <(>&<)> Fixing 1/2 inch GI C Class Equal TEE conforming to IS12392) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 202 | 4000476 | Prov. & Fix. 1/2 inch Angle Stop Cock | EA | Contractor's Scope :1) Prov. <(>&<)> Fix. 1/2 inch Angle Stop Cock2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 203 | 4000477 | Prov. & Fix. 1/2 inch Pillar Cock | EA | Contractor's Scope :1) Prov. <(>&<)> Fix. 1/2 inch Pillar Cock2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 204 | 4000478 | Prov. & Fix. 1/2 inch PVC Connector Pipe | EA | Contractor's Scope : 1) Prov. <(>&<)> Fix. 1/2 inch PVC Connector Pipe(1/2 " Dia <(>&<)> 24"Long)2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL ScoDFPCL Scope : 1) Electricity, water will be provided free ofCost for work inside DFPCL premises. 2) CEMENT FREE OF COST. |
| 205 | 4000479 | P/L 3mm thk bitumnenous membrane | M2 | Contractor's Scope :1)PROVIDING AND FIXING SHALIMAR MAKE 3MM THK MEMBRANECOMLPETE WITH ALL RESPECT.2) REQUIRED TOOLS AND TACKLES SUPPLEIED BY CONTRACTOR3) AFTER COMLPETION OF JOB HOUSE KEEPING WORK IN CONTRACTORSSCOPE.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL |

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| 206 | 4000480 | p/l silver shield coating on membrane | M2 | Contractor's Scope :1)REQUIRED MATERIAL TOOLS TACKLES3) safety pps will be given by concontractosDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL |
| 207 | 4000481 | scraping old waterproofing treatment | M2 | Contractor's Scope :1)REQUIRED MATERIAL TOOLS TACKLES2) ALL REMOVED UNWANTED MATERIAL TO BE SHIFTED OUT SIDEPREMISES.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL |
| 208 | 4000482 | Pressure grouting by special grouting | M2 | Pressure grouting by special grouting material/ fosrock/bouchmine/BASFContractor's Scope :1. Pressure grouting/injection of low viscosity of approved qualitylike fosrock or equilant material2. Construction Chemicals or equivalent for grouting into concrete beamswalls, cols, floors etc. as per requirement which includes providingnozzels of pvc into the concrete and pressure grouting with pressuregrout pumps.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL |
| 209 | 4000483 | Prov. & Fixing PVC Nahani trap | EA | Prov. <(>&<)> Fixing PVC Nahani trap 100 mm dia 3 ways with s.s fittingContractor's Scope :1) Prov. And fixing 100 mm pvc nhani trap with s.s jaliIS 12392) Necessary permits to be taken <(><<)>(><(>&<)>(><<)>)> safety rules<(><<)>(><(>&<)>(><<)>)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 210 | 4000484 | Prov. & Fixing G.I. Pipe 1 1/2 C Class | RM | Prov. <(>&<)> Fixing G.I. Pipe 1 1/2 " 'C' Class with all fittingContractor's Scope :1) Prov. <(>&<)> Fixing 1- 1/2 inch C-Class GI Pipe at all heightsconforming to IS 12392) Necessary permits to be taken safety rulesregulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 211 | 4000485 | Prov. & Fixing G.I. Pipe 1 " 'C' Class | RM | Prov. & Fixing G.I. Pipe 1 " 'C' Class with all fitting Contractor's Scope :1) Prov. & Fixing 1 inch C-Class GI Pipe at all heights conforming to IS 12392) Necessary permits to be taken safety rules regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 212 | 4000488 | p/f 150mm precoated sheet gutter | M2 | Contractor's Scope :1) providing and fixing precoated sheet for gutter 150mm2) item is including all fitting like hook . Self driven s.s screw3) item is including scaffolding and necessary arrangement like safety net4) item is applicable for all height5) precoated sheet of make jindal or equivalentDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 213 | 4000489 | p/f 100 mm pvc rain water pipe with fitt | M | Contractor's Scope :1) providing and fixing pvc rain water pipe 100mm dia.2) item is including all fitting like hook . Clamp3) item is including scaffolding and necessary arrangement like safety net4) item is applicable for all heightDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 214 | 4000490 | p/f 150 mm pvc rain water pipe with fitt | M | Contractor's Scope :1) providing and fixing pvc rain water pipe 150mm dia.2) item is including all fitting like hook . Clamp3) item is including scaffolding and necessary arrangement like safety net4) item is applicable for all heightDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 215 | 4000492 | P/S of dewatering 5 HP diesel pump | DAY | VENDOR SCOPE-1)PROVIDING 5 HP TO 10 HP DIESEL OPERATED PUMPS ON 24 HOURS" AS WHEN REQUIRED" OPERATION BASIS.2)ALL CONSULMABLES FUEL OIL AND NECESSARY MAINTENANCEINCLUDING OPERATION AS PER THE INSTRUCTIONS OF OUR JOB CO-ORDINATOR WITH SUCTION HOSE OF 5 METERS LONG AND DELIVERY HOSEOF 15 METERS LONG3) ALL TOOLS, TACKLES, EQUIPMENTS, CONSUMABLES ETC.4COMPETENT MANPOWER.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |
| 216 | 4000493 | Prov. & supply pump operator | DAY | Contractor's Scope :1) SUPPLIED OF SKIILED PUMP OPRATOR FOR DEWATERING2) REQUIRED TOOLS AND TRACKLES IN CONTRACTOR SCOPEDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |
| 217 | 4000494 | Dewatering using 3 HP ELE. Pumps | DAY | Contractor's Scope :1)PROVIDING 5 HP ELE. OPERATED PUMPS ON 24 HOURS" AS <(>&<)> WHEN REQUIRED" OPERATION BASIS.2)ALL CONSULMABLES NECESSARY MAINTENANCEINCLUDING OPERATION AS PER THE INSTRUCTIONS OF OUR JOB CO-ORDINATOR WITH SUCTION HOSE OF 5 METERS LONG AND DELIVERY HOSEOF 15 METERS LONG3) ALL TOOLS, TACKLES, EQUIPMENTS, CONSUMABLES ETC.4COMPETENT MANPOWER.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 218 | 4000495 | P/F 12mm dia SEIKO make long bib cock | EA | Contractor's Scope :1) PROVIDING AND FIXING 1/2" SEIKO MAKE LONG BIB COCK2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 219 | 4000496 | P/F 12mm dia SEIKO make push cock | EA | Contractor's Scope :1) PROVIDING AND FIXING 1/2" SEIKO MAKE PUSH COCK2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 220 | 4000497 | P/F wash basin hindware/parryware make | EA | Contractor's Scope :1) PROVIDING AND FIXING WASH BASIN STANDARD SIZE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 221 | 4000498 | P/F urinal (small) with all ffitting | EA | Contractor's Scope :1) PROVIDING AND FIXING URINAL (SMALL SIZE) OF STANDARD MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 222 | 4000499 | P/F urinal (large) flat black with all f | EA | Contractor's Scope :1) PROVIDING AND FIXING URINAL (LARGE) FLAT BLACK WITH FITTING2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 223 | 4000500 | p/f urinal flush valve with all fitting | EA | Contractor's Scope :1) PROVIDING AND FIXING URINAL FLUSH VALVE OF STANDARD MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 224 | 4000501 | P/F EWC flush valve 1 1/2" with all fitt | EA | Contractor's Scope :1) PROVIDING AND FIXING EWC FLUSH VALVE OF STANDARD MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 225 | 4000502 | P/F flush tank of stadard make | EA | Contractor's Scope :1) PROVIDING AND FIXING FLUSH TANK OF STANDARD MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 226 | 4000503 | P/F JAGUAR make jet spray with all fitti | EA | Contractor's Scope :1) PROVIDING AND FIXING JET SPRAY OF JAGUAR MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 227 | 4000504 | P/F JET spray of seiko make | EA | Contractor's Scope :1) PROVIDING AND FIXING JET SPRAY OF JAGUAR MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 228 | 4000505 | p/f 1/2" bath shower of seiko make | EA | Contractor's Scope :1) PROVIDING AND FIXING BATH SHOWER OF SEIKO MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 229 | 4000506 | P/F EWC hindware/parryware make | EA | Contractor's Scope :1) PROVIDING AND FIXING EWC HINWARE /PARRY MAKE WITH ALL FITTING2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 230 | 4000507 | P/F EWC seat cover with all fitting | EA | Contractor's Scope :1) PROVIDING AND FIXING EWC SEAT COVER WITH ALL FITTING2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 231 | 4000508 | P/F 1" brass ball cock with all fitting | EA | Contractor's Scope :1) PROVIDING AND FIXING 1" BRASS BALL COCK WITH ALL FITTING2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 232 | 4000509 | p/f 1/2" brass ball cock with all fittin | EA | Contractor's Scope :1) PROVIDING AND FIXING 1/2" BRASS BALL COCK WITH ALL FITTING2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 233 | 4000510 | p/f JAGUAR make push cock | EA | Contractor's Scope :1) PROVIDING AND FIXING GAGUR MAKE PUSH COCK2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 234 | 4000511 | P/F s.s soap dispenser of standard make | EA | Contractor's Scope :1) PROVIDING AND FIXING s.s soap dispenser of standard make2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 235 | 4000512 | P/F G I reducer 1 " x 1/2 | EA | Contractor's Scope :1) PROVIDING AND FIXING 1'1/2' GI REDUCER OF STANDARD MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 236 | 4000513 | P/F OF G I reducer 1 1/2 " x 1" | EA | Contractor's Scope :1) PROVIDING AND FIXING 1'1/2' GI REDUCER OF STANDARD MAKE2) REQUIRED SKILL MAN POWER , TOOLS AND TRACKLES.3) REMOVING OF DAMAGED FIXTRURE.WITH EXISTING LINE4) All the joints to be water tight.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 237 | 4000517 | Providing core cutting 100 mm dia. | EA | Contractor's Scope :1) PROVIDING AND DIMOND CORE CUTTING 100MM DIA X 200 MM DEPTH2) DEPLOYED SKILL LABOUR FOR THIS JOB3) REQUIRED TOOLS AND TRACKLES IN CONTRACTOR SCOPEDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |
| 238 | 4000518 | Providing core cutting 150 mm dia. | EA | Contractor's Scope :1) PROVIDING AND DIMOND CORE CUTTING 150MM DIA X 200 MM DEPTH1) SUPPLIED OF SKILLED PUMP OPRATOR FOR DEWATERING2) REQUIRED TOOLS AND TRACKLES IN CONTRACTOR SCOPEDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |

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| 239 | 4000519 | Providing core cutting 200 mm dia. | EA | Contractor's Scope :1) PROVIDING AND DIMOND CORE CUTTING 200 MM DIA X 400 MM DEPTH1) SUPPLIED OF SKILLED PUMP OPRATOR FOR DEWATERING2) REQUIRED TOOLS AND TRACKLES IN CONTRACTOR SCOPEDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |
| 240 | 4000521 | Removal of old existing UCR/ brick mason | M2 | Contractor's Scope :1) Removing the old <(>&<)> existing UCR for opening of foundation ofthe of the preheater structure by any mechanical or any oter suitablemethodea etc. and as directed .2) Disposing all debris out side premises3) Required tools and trackles in contractors scope.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |
| 241 | 4000522 | p/appy. Rust remover of of standred mak | L | Contractor's Scope :1) providing and applying chemical rust remover with paint brush andremoving loose particles2) after 24 hours of its application measurement shall be on basis ofrepaired surface area3) Required tools and trackles in contractors scope.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |
| 242 | 4000525 | P/F Nozzle with Drilling 12 to 16 mm dia | EA | Contractor's Scope :1) Nozzle Fixing: Drilling 12 - 16 mm dia holes at honeycomb portions /voids / construction joints cracks etc. spaced at specified spacing andplacing 8 - 12 mm dia. nozzle of length 75 mm suitable for groutinginto a 150 mm deep hole using polymer mortar including cutting ofnozzle after the grouting and finishing with polymer mortar etc.completeDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL2) Issuing the permit after complete preparation by Contractor. |

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| 243 | 4000527 | P/A Epoxy bond coat on prepared surface | M2 | Contractor's Scope :1)Epoxy Bond Coat Providing and applying bond coat on the prepared surface to receive new polymer mortar/micro concrete, with two components epoxy based bonding coat EPIBOND 21. Laying of reinstatement polymer mortar or micro concrete shall be completed within the overlay time of bonding coat 2) This bond coat act as bonding agent between old and new concrete. 3) In case Micro concrete is to be cast later sprinkle sharp silica sand on wet bond coat , complete as per specification and as directed. DFPC Scope :1) Electricity, water will be provided free of Cost for work inside DFPC 2) Issuing the permit after complete preparation by Contractor. |
| 244 | 4000535 | Supply OF JCB | H | Contractor's Scope :1. HIRING OF JCB. VENDOR TO PROVIDE JCB MACHINE WITH A QUALIFIED OPERATOR WITH ALL STATUTORY DOCUMENTS 2. VENDOR ALSO ALONG WITH PUC DRIVER LICENSE / CERTIFICATE. DFPC Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPC premises. |
| 245 | 4000536 | Supply of tractor | DAY | Contractor's Scope :1. HIRING OF TRACTOR VENDOR TO PROVIDE TRACTOR WITH A QUALIFIED OPERATOR WITH ALL STATUTORY DOCUMENTS 2. VENDOR ALSO ALONG WITH PUC DRIVER LICENSE / CERTIFICATE. DFPC Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPC premises. |

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| 246 | 4000538 | P/A ASIAN MAKE ULTIMA EX. PAINT | M2 | <p>Contractor's Scope :Painting of external walls with ultima paint at our Taloja works as per the scope of work given below :</p> <p>1) Surface Preparation :Cleaning the external surface of walls, staircases etc. with coir brush for dry cleaning >< by using wire brush to wet cleaning with water thoroughly including repairing and sealing of honeycomb areas, cracks, edges and corners etc. Surface to be painted should be free from all dust, loose paints, grease, chalking, loose powdery particles, fungus, algae etc. Cleaned the wall thoroughly using wire brush and water and sand paper if necessary. Special attention to be paid to the tops of parapets and other horizontal surfaces where fungus is most likely to grow.</p> <p>2) Paint application:-On the cleaned wall apply two coats of ultima 100% ACRYLIC EMULSION Paint by diluting one litre of ultima with maximum 400ml of water in case of newly repaired surface and at crack repair areas application of a priming coat with 100% dilution by volume followed by two coats with 40% dilution by volume shall be done. Approved shade paint only to be used. This includes painting at top with special signal red for band etc. complete as per manufacturer specifications and direction of DFPCL</p> <p>Scope :1) Electricity, water, Safety permit will be provided free of Cost for work inside DFPCL premises.</p> |
| 247 | 4000541 | P/A site mixed polymer modified c.m | M2 | <p>Contractor's Scope :</p> <p>1) providing and applying polymer modified cement mortar in layer</p> <p>2) Each layer not exceeding 20 mm thick up to 40 mm thick including troweling with wooden tools etc as specified applied while bond coat is still track</p> <p>3) Item is measured on the basis of consumption of prepared mortar</p> <p>DFPCL Scope :</p> <p>1) Electricity, water will be provided free of Cost for work inside DFPCL</p> <p>2) Issuing the permit after complete preparation by Contractor.</p> |

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| 248 | 4000547 | Prov. & Laying Non Shrink grout GP2 or e | M3 | <p>Contractor's Scope :1) Providing<(>&<)> Laying Non Shrinking Conbextra Grout GP2 of fosrocmake under base Plate of foundation/pockets,etc.2) The grout to be laid as per specifications in drawing <(>&<)> alsomanufactuer's specifications to be followed.DFPCL Scope :1) Electric supply <(>&<)> Water will be provided free of cost for workswithin company premises.SAFETY PRECAUTIONSThe contractor shall follow safety rules <(>&<)> regulations, safetyprocedures as per the safety standards and comply with the safetyrequirements.The contractor is required to deploy persons for specific jobs who aretrained and skilled in particular trade and well familiar with hazardsand safety precautions.The site staff and workers of the contractors are required to undergo safety orientation before they are assigned work at site. No personshall be allowed at work site without safety orientation.The contractor shall ensure that any time during the performance of thework his personnel are fit to execute the tasks assigned and are notunder the influence of any alcoholic liquor, drug or other intoxicating substances.The contractor shall provide personal protective equipment as specified</p> <p>to it's staff and workmen such as, safety helmets, sWORKINGHOURSNormal working time shall be same as the general shift timing of the respective sites. This will be 8 working hours excludinMOBILIZATIONContractor shall arrange for necessary materials, workmen andsupervision to start the work within 48 hours of instruction from EIC.Incase of emergency or shutdown, contractor shall mobilize all requiredresources and start the work within 24 hours of instruction of EIC.To <(>&<)> fro transportation of the equipment shall be arranged bycontractor. However mobile crane/tractor, EOT/ HOT facilities, ifrequired for loading/unloading supply of slings and movement of themachine at site shall be provided by Company, free of charge. Howeveractual activities of loading/unloading, internal shifting of machinesshall have to be done by contractor's manpower.HOUSEKEEPINGIt is the responsibility of the contractor to ensure good housekeepingat work site. The scrap debris, unwanted material etc. shall be removedfrequently from the work place to avoid accident and work area shall bekept tidy. Gangways shall be kept clear of obstructions. Contractorshall deploy dedicated personnel for housekeeping.JOB COMPLETION TIMEThe total contract duration is as specified in the contract. However forindividual works from time to time as and when need arises, separateintimations shall be issued from individual plants/ EIC. Contractorshall ensure mobilization of all required resources and completion ofthe job including dismantling, etc. as per EIC instructions.</p> |
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| 249 | 4000548 | M.S PIPE SCAFO & TARPOULENE FOR ROOF | SFT | <p>Contractor's Scope :1. PROVIDING ERRECTING FULLY WATER PROOF TEMP.MONSOON SHEDIN DOUBLE LAYER TOP COVERING AT ANY HEIGHT AS PER REQUIREMENT ANDMAINTAINING UP TO MONSOON SEASONS REMOVING THE SAME AFTER GIVEN CLEARANCE2. REQUIRED TOOLS AND TACKLES SUPPLEIED BY CONTRACTOR3. AFTER COMLPETION OF JOB HOUSE KEEPING WORK IN CONTRACTOR SCOPE.4) ONLY M.S PIPE WILL BE USED FOR ERRECTING SHEDDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises. Hook will be provided by dfpcl2) Issuing the permit after complete preparation by Contractor.SAFETY PRECAUTIONSThe contractor shall follow safety rules <(>&<)> regulations, safetyprocedures as per the safety standards and comply with the safetyrequirements.The contractor is required to deploy persons for specific jobs who aretrained and skilled in particular trade and well familiar with hazardsand safety precautions.The site staff and workers of the contractors are required to undergo safety orientation before they are assigned work at site. No personshall be allowed at work site without safety orientation.The contractor shall ensure that any time during the performance of thework his personnel are fit to execute the tasks assigned and are notunder the influence of any alcoholic liquor, drug or other intoxicating substances.The contractor shall provide personal protective equipment as specified to it's staff and workmen such as, safety helmets, sWORKINGHOURSNormal working time shall be same as the general shift timing of the respective sites. This will be 8 working hours excludinMOBILIZATIONContractor shall arrange for necessary materials, workmen andsupervision to start the work within 48 hours of instruction from EIC.Incase of emergency or shutdown, contractor shall mobilize all requiredresources and start the work within 24 hours of instruction of EIC.To <(>&<)> fro transportation of the equipment shall be arranged bycontractor. However mobile crane/tractor, EOT/ HOT facilities, ifrequired for loading/unloading supply of slings and movement of themachine at site shall be provided by Company, free of charge. Howeveractual activities of loading/unloading, internal shifting of machinesshall have to be done by contractor's manpower.HOUSEKEEPINGIt is the responsibility of the contractor to ensure good housekeepingat work site. The scrap debris, unwanted material etc. shall be removedfrequently from the work place to avoid accident and work area shall bekept tidy. Gangways shall be kept clear of obstructions. Contractorshall deploy dedicated personnel for housekeeping.JOB COMPLETION TIMEThe total contract duration is as specified in the contract. However forindividual works from time to time as and when need arises, separateintimations shall be issued from individual plants/ EIC. Contractorshall ensure mobilization of all required resources and completion ofthe job including dismantling, etc. as per EIC instructions.</p> |
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| 250 | 4000549 | M.S PIPE SCAFO & TARPOULENE SIDE CLADING | SFT | <p>Contractor's Scope :1. PROVIDING ERRECTING FULLY WATER PROOF TEMP.MONSOON SHEDIN DOUBLE LAYER WITH SIDE COVERING AT ANY HEIGHT AS PERREQUIREMENT AND MAINTAINING UP TO MONSOON SEASONSREMOVING THE SAME AFTER GIVEN CLEARANCE2. REQUIRED TOOLS AND TACKLES SUPPLEIED BY CONTRACTOR3. AFTER COMLPETION OF JOB HOUSE KEEPING WORK IN CONTRACTOR SCOPE.4) ONLY M.S PIPE WILL BE USED FOR ERRECTING SHEDDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises. Hook will be provided by dfpcl2) Issuing the permit after complete preparation by Contractor.SAFETY PRECAUTIONSThe contractor shall follow safety rules <(>&<)> regulations, safetyprocedures as per the safety standards and comply with the safetyrequirements.The contractor is required to deploy persons for specific jobs who aretrained and skilled in particular trade and well familiar with hazardsand safety precautions.The site staff and workers of the contractors are required to undergo safety orientation before they are assigned work at site. No personshall be allowed at work site without safety orientation.The contractor shall ensure that any time during the performance of thework his personnel are fit to execute the tasks assigned and are notunder the influence of any alcoholic liquor, drug or other intoxicating substances.The contractor shall provide personal protective equipment as specified to it's staff and workmen such as, safety helmets, sWORKINGHOURSNormal working time shall be same as the general shift timing of the respective sites. This will be 8 working hours excludinMOBILIZATIONContractor shall arrange for necessary materials, workmen andsupervision to start the work within 48 hours of instruction from EIC.Incase of emergency or shutdown, contractor shall mobilize all requiredresources and start the work within 24 hours of instruction of EIC.To <(>&<)> fro transportation of the equipment shall be arranged bycontractor. However mobile crane/tractor, EOT/ HOT facilities, ifrequired for loading/unloading supply of slings and movement of themachine at site shall be provided by Company, free of charge. Howeveractual activities of loading/unloading, internal shifting of machinesshall have to be done by contractor's manpower.HOUSEKEEPINGIt is the responsibility of the contractor to ensure good housekeepingat work site. The scrap debris, unwanted material etc. shall be removedfrequently from the work place to avoid accident and work area shall bekept tidy. Gangways shall be kept clear of obstructions. Contractorshall deploy dedicated personnel for housekeeping.JOB COMPLETION TIMEThe total contract duration is as specified in the contract. However forindividual works from time to time as and when need arises, separateintimations shall be issued from individual plants/ EIC. Contractorshall ensure mobilization of all required resources and completion ofthe job including dismantling, etc. as per EIC instructions.</p> |
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| 251 | 4000556 | Providing and fixing 6" PVC gutter | FT | Scope of work:Providing and fixing PVC gutter 150mm including all fitting likebracket hook . Self driven SS screw including PPEs, scaffolding andnecessary arrangement like safety net applicable for all height.If workto be carry out on fragile roof then safety net below the fragile roofsheetsThe contractor shall provide personal protective equipment as specifiedto it's staff and workmen such as, safety helmets, safety shoes, safetygoggles, ear plugs, hand gloves, safety harness / belts,overalls, gumboots etc. and other work equipment as required for safe execution ofwork at his cost.Special PPEs/ safety appliances, if required for any job as mentionedbelow job may be provided by the company on chargeable / returnablebasis(cost of repair or damage as a result of mishandling will be chargedfrom the contractor). |
| 252 | 4000595 | Rem/fix & Repairing Al Door & Window | M2 | Scope of work:Repairing of existing Alluminium doors / windows including removal andrefixing of doors / windows. |
| 253 | 4000596 | SURF DRESSING-UPTO 100MM DEPTH | M2 | Scope of work:Dressing over area upto average depth of 100mm and removing excessmaterial as directed by EIC. |
| 254 | 4000605 | Fixing of safety signage board | EA | Vendor scope:Work including Excavation of 300 x300 x500mm pit and concreting PCCContractor scope:Board fixing of any size including shifting from store<(>&<)> fixing at location as directed by EICDfpl scope: Permit <(>&<)> Electric Power |
| 255 | 4000616 | P&L RCC M30 UPTO FGL (RMC) | M3 | Scope of work:Providing and laying Reinforced cement concrete Design mix M-30 Grade asper IS 456 with 20 mm and downsize aggregatein all types of structures such as foundations,beams, columns etc inany pattern<(>&<)>shapes including vibrating, tamping,including placing of concrete in position by using concrete pump, boomplacer etc and curing,complete in any shapes as per the drawing and specification; but, excluding the cost ofReinforcement <(>&<)> shuttering.All tools / Materials/Machinaries is in contractor scope.Electricalsupply given by Client at one point. |
| 256 | 4000623 | P&L PVC PIPES-75MM DIA,6KG/cm2 Pr. | RM | SCope of work:Supply,laying /jointing PVC pipes of 6KG Pressure as per IS:4985 incbends,branches and all other necessary fittings,M.S holder bats/clamps,cutting and making good the walls and floors,jointing, testing etc all complete for following.Inc all material ,scaffolding and tools tackels.Electrical supply givenby Client at one point. |
| 257 | 4000626 | P&F-HYDRUALIC DOOR CLOSER | EA | Scope of work:P<(>&<)>F in position heavy duty hydraulic door closer Everite,Enox,Godrej or Equilent make gold,bronze finish with adjustingspanner and screws incl all fixtures and all tools and tackles in woodor aluminium door etc comp as Directed by EIC |

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| 258 | 4000633 | P/F Nozzle grouting with cement | EA | Contractor's Scope:Nozzle Fixing,Drilling 12-16 mm dia holes athoneycomb portions/voids/construction joints cracks etc.spaced at specified spacing and placing 8-12 mm dia. nozzle length 75 mmsuitable for grouting into a 150 mm deep holeusing polymer mortar incl cutting of nozzle after the grouting andfinishing with polymer mortar etc. completedDFPCL Scope : Electricity,water will be provided free of Cost for workinside DFPCL,Issuing the permit |
| 259 | 4000634 | P&F ALUM DOOR HANDLE | EA | Scope of work:Providing <(>&<)> fixing accessories for aluminium doors and windowssuch as handles, tower bolts etc.of aluminium, iron oxidized ,brass make for wooden/steel/Aluminium doors |
| 260 | 4000645 | Prov and lay 1000 dia NP3 Hume Pipe | RM | Providing and laying 1000 dia NP3 Hume Pipe. Supply by contractor |
| 261 | 4000646 | Prov and lay 1200 dia NP3 Hume Pipe | RM | Providing and laying 1200 dia NP3 Hume Pipe. Supply by contractor |
| 262 | 4000647 | Dismantling of Brickwork | M3 | Dismantling of Brickwork and disposing of the debris outside DFPCL or asper instructions of Engineer-in-charge |
| 263 | 4000665 | Supply of Hydra | HR | Supply of Hydra including all tools and tackles |
| 264 | 4000687 | P/L Pre cast 100mm Thk. | EA | Providing and Supplying Pre cast 100mm Thk. |
| 265 | 4000694 | Prov/Fix of Brass Float Valve 25mm | EA | Providing and Fixing of Brass Float Valve (Ball Cock) 25mm for SintexTank |
| 266 | 4000704 | P/L 50 mm thk IPS Flooring | M2 | Providing and laying 50mm thk Ips flooring at any level with 1:1.5:3using concrete adhesive as directed by EIC |
| 267 | 4000707 | Prov. & Fix. Stainless Steel Sink | EA | |
| 268 | 4000710 | Prov. & shuttering below G.L. | M2 | |
| 269 | 4000711 | Prov. & shuttering above G.L. | M2 | |
| 270 | 4000712 | P/L RCC M25 READY MIX CONCRETE | M3 | |
| 271 | 4000713 | Grass cutting & deposing out side preimi | M2 | |
| 272 | 4000714 | P/f granait for partetion,sill,platform | M2 | |

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| 273 | 4000724 | Removal & fixing 550mm GI concertinacoil | RM | Removal carefully old damaged coil and shifting to scrap yard for disposal Provide and fixing new hot deep galvanised Concertina coil 550mm dia. And 10 to 12 runs per mt. Thickness: 0.6 ± 0.05; Wire diameter: 2.5 ± 0.1.; Barb length: 65 ± 2.; Barb width: 21 ± 1. |
| 274 | 4000725 | Removal & fix. new 0.5mm GI corner sheet | RM | Removal carefully old damaged corner sheet and shifting to scrap yard for disposal Provide and fixing new 0.5mm PPGI corner sheet with 600m wide |
| 275 | 4000758 | Removal of Metal roof sheets-Top & side | M2 | Removal of any metal sheets from top roof / sides including hoisting, lifting, shifting and take down to scrap yard at all levels with necessary scaffolding. Etc. Complete as directed. If work to be carry out on fragile roof then safety net below the fragile roof sheets. The contractor shall provide personal protective equipment as specified to it's staff and workmen such as, safety helmets, safety shoes, safety goggles, ear plugs, hand gloves, safety harness / belts etc. and other work equipment as required for safe execution of work at his cost. Special PPEs/ safety appliances, if required for any job as mentioned in job may be provided by the company on chargeable/returnable basis. (cost of repair or damage as a result of mishandling will be charged from the contractor) |
| 276 | 4000764 | Removal of existing Rolling Shutter | M2 | Contractor's Scope :1) Removal of Existing/Damaged rolling Shutter upto 6.0 metre height from floor inclusive of chipping, gas cutting or grinding as required as per condition. 2) The removed shutter to be placed in scrap yard or as specified by job coordinator. 3) Scaffolding which will be non payable and in scope of vendor. 4) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed. DFPC Scope :1) Electricity, water will be provided free of Cost for work inside DFPC premises. 2) Issuing the permit after complete preparation by Contractor. |
| 277 | 4000766 | Only Fixing of Sheets (all types) | M2 | Contractor's Scope :1) Fixing of Sheets of all types (GI, Galvinum, AC, Aluminium, etc.) 2) The nut, bolt, washers required will be in scope of contractor and shall be non payable. 3) Upto a level of 6.0 metre from floor the scaffolding shall be in scope of Contractor and non payable. 4) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed. DFPC Scope :1) Electricity, water will be provided free of Cost for work inside DFPC premises. 2) Issuing the permit after complete preparation by Contractor. |

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| 278 | 4000768 | Prov. & Fix. 2mm thk Polycarbonate sheet | M2 | Contractor's Scope :Providing and Fixing new Polycarbonate sheets on roof / sides (EverestMake Only) with including cutting to reqd. size, hoisting and fixing atall levels with J/L bolts, 8mm dia nuts and bolts, GI v/s and bitumenv/s with necessary scaffolding complete as per specification asdirected. If work to be carry out on fragile roof then safety net belowthe fragile roof sheets to be provided.2) Scaffolding upto a 6.0 metre height shall be made by contractor andshall be non payable.3) The nut, bolt, washers required will be in scope of contractor andshall be non payable.4) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 279 | 4000775 | P/Fixing 50mm UPVC pipe external works | M | Providing <(>&<)> laying in proper position below/above ground 50mm UPVCpipes of Prince / Finolex ,astral makeASTM D1785 of specified schedule / pressure rating with necessaryUPVC/PVC fittings, for water line, sewer lineand drain pipes clamping with necessary clamps .The threading andjointing to be done as per IS specificationsand PTFE tape to be used on threads or using approved make of solventcement as per IS 7634-Part III.The work is to be carried out as per the specifications and as directedby Engineer-in-charge |
| 280 | 4000784 | Providing & erecting steel props | EA | Contractor's Scope :1) Providing <(>&<)> erecting steel props (including staging upto floorheight) to support the structure provisionally during repair andjacketing etc. and maintaining them inposition till required as directedby job coordinator.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 281 | 4000785 | Providing & erecting safety net | M2 | Contractor's Scope :1) Providing <(>&<)> erecting safety net of opening 75 mm X 75 mm X 12mm size in addition to study GI corrugated arrester tray at first floorlevel to prevent the debris falling on ground during progress of workand keeping the same during the period of work as directed by jobcoordinator.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 282 | 4000786 | Removing & cleaning of Existing Concrete | M2 | Contractor's Scope :1) Removing <(>&<)> Cleaning of Existing concrete carefully by low impact high frequency hammer or by manual chipping without damaging the existing concrete or control sand blasting including cleaning the surfaces by air jet etc. complete as directed by job coordinator.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 283 | 4000788 | Providing additional steel reinforcement | KG | Contractor's Scope :1) Making up of lost steel area by providing additional steel reinforcement . The steel shall confirm to IS 1786 grade Fe415/ Fe 500.Anchor the steel rebar in sound concrete body up to desired depth by structural Grade adhesive.Fixing of rebars is to be with pre left binding wires with existing steel at regular grid after aligning concrete profile with new mortar up to existing steel face as directed by the job coordinator.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 284 | 4000789 | Anchoring Reinforcement Bar | EA | Contractor's Scope :Anchoring reinforcement /bar in Existing RCC member in holes of minimum 10d depth for 8 to 12 mm dia. Bars. Grouting in position with locfix (fosroc) including drilling of holes, cleaning etc. complete as directed by job coordinator.2) Issuing the permit after complete preparation by Contractor.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 285 | 4000796 | Prov. & Apply Dr. Fixit Rain Coat | M2 | Contractor's Scope :1) Wall application of Dr. Fixit Rain coat is an heavy duty coating for wall, sealing of small cracks with Dr. Fixit crackage paste and primer coat and two coats of Raincoat. a) Repairing the cracks on the surface with Dr. Fixit CX-Shrink free. No shrink crack filler. b) Repairing any loose, hollow or spalled area with Dr. Fixit Repair systems using Bonding agent and Polymer modified Mortars. c) After proper curing of the repaired surface, cleaning the surface free of dirt, dust etc, thoroughly with wire brush d) Apply Dr. Fixit Raincoat base coat, a primer in one coat. As a bond coat between surface and coating. e) Apply two coat of Dr. Fixit Raincoat pro, an acrylic heavy duty coating in wide range of colours. Allow the surface to air cure.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 286 | 4000800 | Apply two Coat rust conver primer | M2 | Contractor's Scope :1)Clean the existing reinforcement with wire/rotary wire brush, makingthe surfaces free from loose material , dirt, etc. complete. Applyingtwo coats of alkaline rust converting primer-FEOVERT of krishna Conchemconfirming to ASTM-B-117, on the rebars , including cleaning thereinforcement, wire brushing to remove the loose rust spalls, with timeinterval of 1 hour between the coats as directed by job coordinator.2) Issuing the permit after complete preparation by Contractor.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 287 | 4000801 | Anticorrosive treatment to reinforcement | M2 | Contractor's Scope :1) Application of two coats of IPNET RB (CBRI know How) on exposedreinforcement in two coats of with time interval of minimum 4 hoursbetween each coat. The application shall be by brush as directed by jobcoordinator.2) Issuing the permit after complete preparation by Contractor.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 288 | 4000802 | Anticarbon Treatment on Concrete surface | M2 | Contractor's Scope :1) Applications of three coat of Interpenetrating polymer network ofkrishna conchem on exposed reinforcement in three coats with timeinterval of minimum 4 hours between each coat. The application shallbe by brush as directed by job coordinator.2) Issuing the permit after complete preparation by Contractor.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 289 | 4000803 | Prov/apply migratory corrosion inhibitor | M2 | Contractor's Scope :1) Providing <(>&<)> Applying of Migratory Corrosion Inhibitor on entiredeteriorated structure of KP-100 of Krishnea Conchem prior to buildingup of section with any type ofmortar or coating as per manufacturer'sspecifications <(>&<)> as directed by the job coordinator.2) Issuing the permit after complete preparation by Contractor.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 290 | 4000804 | Prov/apply 3 coat monopol456 prot.coatng | M2 | Contractor's Scope :1) Providing <(>&<)> Applying 3 coatof Monopol -456 protective coatingof Krishna Conchem on external plastered /RCC structure of plantbuilding as per manufacturer's specifications <(>&<)> as directed by JobCoordinator.2) Issuing the permit after complete preparation by Contractor.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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|-----|---------|--|-----|---|
| 291 | 4000805 | Make Plywood Partition bothside laminate | SFT | Providing and making partition from 18mm MR Plywood with laminate onboth side (approved colured / designed fore micaon front side and intenally white laminate as per design approved byEngineer in charge Incl. all consumable / fixturesas decided / as per drawings. The contractor shall provide personalprotective equipment as specified like safety shoes,safety goggles, ear plugs, hand gloves, and with skilled supervisor andalong with all statutory compliances completed |
| 292 | 4000821 | S/F Jaquar Table Top White Wash Basin | EA | S/F Jaquar make Table Top White Wash Basin |
| 293 | 4000839 | Prov. & injec. low viscous grout MONOPOL | KG | Contractor's Scope :1) Providing <(>&<)> Injecting low viscous grout Monopol of KrishnaConchem having excellent adhesion to Concretethrough Pre-Fixed Nozzlesusingcement grouting equipment at pressure of 3-5 Kg/sq.cm. Removing thenozzle and sealing it with non shrink epoxy putty EPCO 1010. Grout shallhave Antiwash properties etc. complete as directed by as per themanufacturer's specifications or as directed by job coordinator.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 294 | 4000840 | Prov/appl Str Gr. epoxy latex bond coat | M2 | Contractor's Scope :1) Prov. <(>&<)> appl. Str. Grade epoxy latex bond coat of ELMONOBOND ofKRISHNA CONCHEM prior to building up of sectionwith any type ofmortar/concrete to ensure bond between old concrete and new concrete bybrush application as per the manufacturer's specifications or asdirected by job coordinator.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 295 | 4000841 | Prov. & Pouring Micro Concrete MOLIH-TTC | KG | Contractor's Scope :1) For replacing the carbonated part of concrete and repairing thedamaged surface of concrete, fix the form work across the profile ofdamaged structural element. Pour the free flow micro-concreteMolih-TTCI of Krishna Conchem mix in the form work. Makeup concrete isbased on type of structural element and its location as directed by jobcoordinator.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 296 | 4000842 | Raking the joints of separation cracks | RM | Contractor's Scope :1) Opening the separation cracks at the junction of RCC <(>&<)> Masonry surface as directed into V groove mechanically or with chisel <(>&<)> hammer, raking the joints, cleaning the groove with wire brush <(>&<)> air/ wet jetting. Providing and Applying cement sand mortar 1:3 over a bond coat of polymer latex <(>&<)> cement in ratio 1:1, embedding small stone chips (metal No. 1) over the prepared groove surface including necessary labour, tools, tackles, materials, curing, carting away the debris from time to time etc. complete as directed by engineer in charge.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 297 | 4000843 | Insertion POWER THROW of Krishna Conchem | EA | Contractor's Scope :1) Insertion of Power throw of Krishna Conchem sustained release corrosion inhibiting caplets which protect both anodic <(>&<)> cathodic sites and reduces corrosion potential E _{corr} by Minimum 80mV in conductive medium, by drilling 20 mm holes into the concrete at a depth of 25 mm and insert to be filled by EPCO-PC-Putty etc. complete as directed by Engineer in Charge.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 298 | 4000844 | P & App. Poly. Modified Mortar of Molith | M2 | Contractor's Scope :1) Providing <(>&<)> Applying Polymer Modified Mortar [PMM (Redimix)] of Molith - PMMFCL of Krishna Conchem for internal <(>&<)> external RCC members i.e columns, slabs, beams, chajjas, etc. complete as directed by engineer in charge.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 299 | 4000845 | Int/Ext Patch Plaster-Redimix Plaster | M2 | Contractor's Scope :1) Internal <(>&<)> External Plaster (Patch Work): Providing <(>&<)> Laying sand face redimix plaster of ACC/ Wallplast on external walls in two coats etc. complete as directed by engineer in charge.2) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 300 | 4000846 | Carbon Fiber Wrapping System | M2 | Contractor's Scope :1) Strengthening structural elements with non metallic composite fiberwrapping system comprise of carbon fiber sheet and compatible saturant by dry/wet layup system including surface preparation.2) Grinding/moulding concrete substrate, cleaning it with wire brush, removing oil, laitance if present, rounding sharp edges to min 25 mm radius etc. complete.3) Applying compatible primer on prepared substrate, filling the holes and uneven surface with thixotropic putty etc. complete.4) Wrapping the fiber sheet to structural element at desired orientation using tamping roller to avoid any air voids etc. repeat the same procedure for multiple layer with the interval of 8 hours.5) Sand Pasting : Applying second coat of saturant after 12 hours, rectify air voids if any paste the river sand on it to make surface rough to take any further finishes. (Mode of Measurement Fiber area of Application A_s not surface area) 400GSM Unidirectional Carbon fiber sheet for Column/beam/Slab.6) Necessary permits to be taken A_s safety rules A_s regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 301 | 4000851 | P/F 200 mm dia PVC - 6 Kg/ Cm ² | M | P/F 200 mm dia PVC - 6 Kg/ Cm ² |
| 302 | 4000876 | P&F TWP WAY BIB COCK | EA | P$A_s$$A_s$F TWP WAY BIB COCK |
| 303 | 4000910 | Supply of 3 to 5 HP Elect. Dewatering P | MON | Contractor's Scope :1) Supply of dewatering pump 3 Hp to 5 HP ele. Pump with all necessary fitting like starter, Min. 10mt. delivery pipe A_s 5mt suction pipe.DFPCL Scope :1) Electricity will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 304 | 4000920 | Prov. and Fix. 60mm Precast Paver block | M2 | Base : Interlocking paver block to be fixed on the bed 50 mm or specified otherwise thick of crush sand of approved specification and filling the joints with the sand of approved type and quality or as specified and as directed by Engineer-in-charge. Interlocking Paver Block: Factory made precast paver block of specified grade to be used. Paver blocks to be of approved brand and manufacturer and of approved quality. |

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|-----|---------|---|----|--|
| 305 | 4000922 | Providing & Doing Floor Marking 4" wide | M | Providing and doing 4" wide marking with Epoxy paint (COLOUR SHADE AS PER INSTRUCTIONS)SCOPE OF WORK : CLEANING OF AREA TO BE PAINTED WITH WIRE BRUSH/EMERYCLOTH PAPER / CLOTH.1. PROVIDING AND APPLYING EPOXY BASED PAINT WITH 2 COATS FOR FLOOR /WALL MARKING AT VARIOUS LOCATIONSFLOOR MARKING WILL BE OF 4 INCH WIDTH.STL'S SCOPE OF SUPPLY :- ELECTRIC POWER <(>&<)> WATER – FREE OF CHARGE.MARKING DETAILS WILL BE PROVIDED BY STL. REQUIRED PERMITS TO CARRYOUTTHE JOBS.CONTRACTOR'S SCOPE OF SUPPLY :- 1.SUPPLY/ APPLY OF PAINT OF VARIOUSSHADES AS MENTIONED.2.ALL TOOLS, TACKLES,CONSUMABLES ETC. 3. COMPETENT MANPOWER FOR CARRYINGOUT THE JOB.4. TO <(>&<)> FRO TRANSPORTATION OF MANPOWER AND MATERIALS.5. ALL PERSONS WORKING INSIDE THE PREMISES STRICTLY ADHERE TO ALL SAFETYRULES AND REGULATIONS ADOPTED AT STL.TIME SCHEDULE :- JOB IS TO BE STARTED IMMEDIATELY IN CONSULATION WITHOUR JOB CO-ORDINATOR .INVOICING :- ONLY ONE INVOICE TO BE SUBMITTED TO OUR JOB CO-ORDINATORFOR HIS CERTIFICATION AND FURTHER PROCESSING. |
| 306 | 4000926 | Removal of old roof drain gutter | M | Open and very carefully removing the existing roof drain Gutter <(>&<)>old Bracket from roof shed stacked the same as directed at siteContractor scope of work included all material, labour, tools tackles,consumables, travelling etc.. with required PPE's |
| 307 | 4000929 | Prov. & Apply tar mastic-Hook and bolts | EA | Providing and Applying Tar mastic / Bitumen Coat to roof bolt / hook ofroof shedContractor scope of work included all material, labour, tools tackles,consumables, travelling etc.. with required PPE's |
| 308 | 4000940 | Providing & fixing double glass window | M2 | Providing <(>&<)> fixing of double glass V panel windows outer frame50x19x1.6mm thick anodised 20 micron aluminum section.Inside section silica gel to be fill up and covering with 3mm thick ACPsheet on 4 side wall. Providing and fixing 6mmthick clear glass on both side incl. 3mm double sided tape with fixing<(>&<)> outer age clear 789 silicon sealant filledGarware make Sunfilm for UV and sunlight protection STL Scope : Water,elctricity, and work permitContractor scope of work included all material, labour, tools tackles,consumables, travelling etc.. with required PPE's |

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|-----|---------|--|----|--|
| 309 | 4000966 | Provide and inject low viscous grout | KG | Providing and injecting low viscous epoxy grout Scope of work : Supply Approved make of low viscous grout,making/drilling hole at specified locations.fixing nozzle in hloes with help of quick setting material to holdproperly In place. Injecting low viscous epoxy groutwith required pressure and complete work as per instruction of Engineerin charge.it includes all material, labour resources required to carry out jobwith all PPEsSTL Scope : 1) Electricity, water will be provided free of Cost for workinside premises.2) Issuing the permit after complete preparation by Contractor. |
| 310 | 4000967 | Provide and apply PU coating on concrete | M2 | Providing and applying two coats Scope of work : Supply and apply approved make of PU coating material onconcrete surface at specified locations.This scope includes making surface free from loose / damage material,making levelled surface and apply two coats ofPU coating material. it includes all material, labour resources requiredto carry out job with all PPEsSTL Scope : 1) Electricity, water will be provided free of Cost for workinside premises.2) Issuing the permit after complete preparation by Contractor. |
| 311 | 4000992 | Prov. and Fix. 80mm Precast Paver block | M2 | Providing min. M25 Grade or specified Paverblocks with thickness 80mm(design/pattern will be as per site requirement)Base : Interlocking paver block to be fixed on the bed 50 mm orspecified otherwise thick of crush sand ofapproved specification and filling the joints with the sand of approvedtype and quality or as specifiedand as directed by Engineer-in-charge.Interlocking Paver Block:Factory made precast paver block of M25 gradeto be used. Paver blocks to be of approvedbrand and manufacturer and of approved quality. |
| 312 | 4000994 | Cleaning of RCC.gutter/ slab/rain water | M2 | Contractor's Scope :1) cleaning of slab/ RCC gutter rain water pipe opening etc .completed2) All tools require for cleaning is in contractor's scopeDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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|-----|---------|---|-----|--|
| 313 | 4001000 | Providing & Doing Floor Marking 2" wide | M | Providing and doing 2" wide marking with Epoxy paint (COLOUR SHADE AS PER INSTRUCTIONS)SCOPE OF WORK : CLEANING OF AREA TO BE PAINTED WITH WIRE BRUSH/EMERYCLOTH PAPER / CLOTH.1. PROVIDING AND APPLYING EPOXY BASED PAINT WITH 2 COATS FOR FLOOR /WALL MARKING AT VARIOUS LOCATIONSFLOOR MARKING WILL BE OF 4 INCH WIDTH.STL'S SCOPE OF SUPPLY :- ELECTRIC POWER <(>&<)> WATER – FREE OF CHARGE.MARKING DETAILS WILL BE PROVIDED BY STL. REQUIRED PERMITS TO CARRYOUTTHE JOBS.CONTRACTOR'S SCOPE OF SUPPLY :- 1.SUPPLY/ APPLY OF PAINT OF VARIOUSSHADES AS MENTIONED.2.ALL TOOLS, TACKLES,CONSUMABLES ETC. 3. COMPETENT MANPOWER FOR CARRYINGOUT THE JOB.4. TO <(>&<)> FRO TRANSPORTATION OF MANPOWER AND MATERIALS.5. ALL PERSONS WORKING INSIDE THE PREMISES STRICTLY ADHERE TO ALL SAFETYRULES AND REGULATIONS ADOPTED AT STL.TIME SCHEDULE :- JOB IS TO BE STARTED IMMEDIATELY IN CONSULATION WITHOUR JOB CO-ORDINATOR .INVOICING :- ONLY ONE INVOICE TO BE SUBMITTED TO OUR JOB CO-ORDINATORFOR HIS CERTIFICATION AND FURTHER PROCESSING. |
| 314 | 4001025 | Providing & Fixing tarpaulin at plant | M2 | Contractor's Scope :1) Providing <(>&<)> Fixing tarpaulin at terrace /belt area etc.2) The tools and tackles along with work force will be completely invendor's scope.3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 315 | 4001028 | P/S of dewatering 5 HP diesel pump | MON | Contractor's Scope :1) Providing <(>&<)> supply 5HP diesel pump2) The tools and tackles along with work force will be completely invendor's scope.3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 316 | 4001029 | p/f canvas delivery pipe | M | 1) providing and fixing canvas delivery pipe with clamp 2) The tools and tackles along with work force will be completely in vendor's scope. 3) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed. DFPCL Scope : 1) Electricity, water will be provided free of Cost for work inside DFPCL premises. 2) Issuing the permit after complete preparation by Contractor. |
| 317 | 4001042 | Provide & apply Rust Inhibitor- Corebond RI | KG | Cleaning the steel reinforcement bars by wire brush and apply core bond RI Clean the steel loose rust by wire brushing, chipping, Apply Corebond® RI on affected surface by using cotton waste swab and clean the same after 24 hrs. by brushing. Mix 1.0 to 1.5 kg of cement with 1 litre of Corebond RI and apply the slurry with brush so as to cover the entire area. Apply the 2nd coat of the same after 4 - 6 hours. It includes both labour and material with necessary arrangement, scaffolding All required PPE's includes for all height STL Scope : 1) Electricity, water will be provided free of Cost for work inside premises. 2) Issuing the permit after complete preparation by Contractor. |
| 318 | 4001043 | Cleaning roof sheet, drains, d/take pipe | M2 | Cleaning roof sheets (Asbestos / metal sheets/ down take pipes / roof drains) Remove all the stuffs / material, which is not installed or required on roof / drain stake down all non required items and disposed as per instruction. Non value items in garbage and scrap as per category and to be disposed with note. It includes both labour and material with necessary arrangement, All required PPE's includes for all height STL Scope : 1) Electricity, water will be provided free of Cost for work inside premises. 2) Issuing the permit after complete preparation by Contractor. |
| 319 | 4001055 | Prov & Doing 3 layer Dammering to hooks | M2 | Providing and doing 3 layer (2 layer of bitumen + 1 layer of khadi cloth) dammering to roof hooks - waterproof treatment Scope of work : Cleaning surface and doing 3 layer treatment to roof sheet hooks (all types) incl. labour and material It includes suitable grade of bitumen (hot / cold) including melting, transport and application with all necessary PPE's Application include clean surface, apply bitumen provide 2 layer khadi cloth and again application of bitumen It includes necessary arrangement of life line, safety net, crawler board (safety ladder), All required PPE's - all height STL Scope : 1) Electricity, water will be provided free of Cost for work inside premises. 2) Issuing the permit after complete preparation by Contractor. |

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| 320 | 4001063 | P/A 3 COATS OF LIME WASH (INC SCAFFOLDIN | M2 | Supplying <(>&<)> applying minimum 3 coats of lime white wash(confirming to IS - 712: 1973) including making lime cream (1 kg unslaked lime: 5 liters water) at site, adding Glue of Pidilite Co.(D.D.L.) 15 miligram to 1 K.G. of lime cream,adding ultramarine blueor indigo - 3 gram (confirming to IS - 55: 1970) per 1 K.G. of limecream, including surface preparation,scaffolding, cleaning of all surfaces after application of white wash,if required more coat to obtain uniform and smooth finish shall beapplied without any extra cost. |
| 321 | 4001072 | P/F 20 mm dia CPVC Pipes to conceal work | RM | Providing <(>&<)> laying in proper position conceal CPVC pipes of Prince/ Finolex make,ASTM D1785 of specified schedule / pressure rating withnecessary UPVC/CPVC fittings, for water line, sewer line and drain pipesclamping with clamps and testing as per IS 4985 - 1985 and IS 7834 (Part- I).work inc chipping in wall and finishing after pipe fixing. |
| 322 | 4001081 | P&F WASH BASIN White 515 X 410MM | EA | "Providing and fixing in position wash basin of 1st quality overgranite top including fixing in position granite platform of " approvedcolour and chrome-plated copper connection, SICO or equivalent make CPangle cocks, bottletrap and union PVC connector etc, complete withcutting walls and floors making good the same including grouting of rawlbolts on wall"Inlet and outlet connection with unionas per the direction ofEIC.granite will bepaid under respective code"" "MAKE:CERA CADEL 2810 WTH ACS |
| 323 | 4001099 | P&F Wooden Flush Door Lock | EA | Provoding and fixing Mortise lock for wooden flush door round shape orequellent as directed by Engineer in charge |
| 324 | 4001122 | P/L RCC M20 READY MIX CONCRETE | M3 | Contractor's Scope :1) PROV.<(>&<)> LAYING M20 READY MIX CONCRETE INCLUDING COMPACTINGCURING ETC COMPLETED2) The tools and tackles along with work force will be completely invendor's scope.3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 325 | 4001132 | P/L Microconcrete for grouting and repai | M3 | PROV.<(>&<)> LAYING MICROCONCRET FOR FOUNDATION REPAISAND GROUTING.INCLUDING ALL OLD SURFACE CLEANING,HACKING,REMOVING LOOSE CONCRETE ETC.INCLUDING BONDING AGENT COMPACTION,CURING,FINISHING AND CUBE TEST IN LABWITH REPORT SUBMISSION.WITH ALL MATERIAL,LABOUR,TOOLS TACKLES ETC.make-focroc,pedilite,sika,or approved brand |
| 326 | 4001150 | p/f geomenbrame 750 microns thk. | EA | providing fixing repairs of geomembrane 750microns thk to arrest leakagepoints in pond.Including cutting old membrane making surface treatment..Including heating by special blower,adhesive,skilled operators,arrangemnt of rope ladder etc.with all labour,jointer,transportation,etc. |
| 327 | 4001253 | P&A 3MM Hot Thermoplastic Paint on Road | M | Providing and applying 3 mm thick <(>&<)> 100mm Wide road markingstrips(retroreflective) of specified shade/ colour usinghot thermoplastic material of make Oscar/Nirmiti or approved by fully/semi automatic thermoplastic paint applicatormachine fittedwith profile shoe, glass beads dispenser, propane tankheater and profile shoe heater, driven byexperienced operator on road surface including cost of material, labour,T<(>&<)>P, cleaning the road surface of all dirt, sealsoil, grease and foreign material etc. complete as per direction of EICand accordance with applicable specifications.All Tools /tackles and material is in vendor scope,Dfpcl provideElectrical power supply,Water connection at one point |
| 328 | 4001274 | P/A Ready mix plaster SUNPLEX | M2 | providing and applying ready mix plaster with shrinkage comnsetingcompound SUMPLEX of m/s sunanda speciality coatings 330 gram pouchper 2 bag of ready mix plaster of bag (40 Kg)ready mix plaster of ACC/Wall plast |
| 329 | 4001280 | Manual excavation up to 2 m | M3 | Contractor's Scope :1) Manual excavation2) All tools require for excavation is in contractor's scope3) water and ele. Arrange by contractor out side premisesDFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor.1) Electricity, water will be provided free of Cost for work insideDFPCL premises. |
| 330 | 4001282 | P&F Hilti Bolt 20dia,400long,SS NutWashr | EA | Contractor's Scope :1) Providing and Fixing Hilty Bolts 20 mm dia upto 400 mm long with SSnut and Washer .2) The bolts should be placed as per requirement and vendor should makearrangement of template etc on his own .3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 331 | 4001283 | P&F Hilti Bolt 24dia,500long,SS NutWashr | EA | Contractor's Scope :1) Providing and Fixing Hilty Bolts 24 mm dia upto 500 mm long with SSnut and Washer .2) The bolts should be placed as per requirement and vendor should makearrangement of template etc on his own .3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 332 | 4001284 | Providing Drill bits for Fixing the Bolt | EA | Contractor's Scope :1) Provision of Drill Bits for removal of Concrete core .2) The dia of drill bit should be maximum 40 mm.3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 333 | 4001285 | Prov and grout RE 500 chemical (Packet) | EA | Contractor's Scope :1) Provision of grouting material RE500 chemical within the expiry date.2) The vendor should also grout the required bolt with his labour andunder his skilled manpower.3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 334 | 4001300 | Prov.& Fix Sintex Water Tank 5000 tank | EA | Contractor's Scope :1) Prov . <(>&<)> Fixing Sintex Water Tank of 5000 litre2) The item is inclusive of provision of float valve and gate valve ofrequired size .3) The transport and shifting of tank to desired location at all heightsis in the scope of vendor and shall be non payable.4) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 335 | 4001318 | Prov. & Laying BBM 100 mm thick | M2 | Contractor's Scope :1) Providing and laying bituminous bond Macadam 100mm thk using60/70grade asphalt.2) All material included , bitumen heating, transporting, laying,compacting with smooth wheeled vibratory roller.3) Initial cleaning of surface included.4) Tack Coat Application using 80/100 grade asphalt or bituminousemulsion complete.5) Asphalt to be used at 4.35% by weight6) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 336 | 4001319 | Supply & Laying metalling 150 mm thick | M2 | Contractor's Scope :1) Prov.<(>&<)> Spreading metal on road surface with thickness of 150mm.2) Metal should be standard size and evenly spread to required camberand gradient.3) Compaction of metal is included with vibratory roller with all leadetc complete.4) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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|-----|---------|--|----|--|
| 337 | 4001320 | Prov. & Laying Asphalt Macadam 50mm thk | M2 | Contractor's Scope :1) Providing and laying hot mix hot laid Dense Asphalt Macadam 50 mm compacted thickness 2) Minimum bitumen content of 4.5% of the weight of total mix of 30/40 grade on prepared surface. 3) Specified Graded crushed aggregate for base/binding course including loading of aggregates and filler in hot mix plant. 4) All machinery, manpower, material is in contractor's scope. 5) Transportation of mix, laying of mixed material with sensor pavers finishing to required levels and gradient, rolling by vibratory roller, lighting, guarding, barricading, etc complete. 6) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed. DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises. 2) Issuing the permit after complete preparation by Contractor. |
| 338 | 4001321 | Prov./Laying 25 mm thick Asphalt Concret | M2 | Contractor's Scope :1) Providing and laying hot mixed hot laid seal coat of Asphalt concrete 25 mm thick using 60/70 grade asphalt. 2) Using 6% of asphalt by total weight of mix including material, heating and mixing bitumen and chips. 3) Laying semi dense bituminous concrete by hydrostatic paver with sensor control including tack coat 80/100 grade asphalt @ 5kg/10 sq.m emulsion grade bitumen conforming to IS : 88874) The item also includes finishing, compaction with smooth wheeled tandem vibratory roller with material and manpower complete. 5) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed. DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises. 2) Issuing the permit after complete preparation by Contractor. |
| 339 | 4001322 | Prov/Apply. Primer+2 coats Enamel Paint | M2 | Contractor's Scope :1) Prov. <(>&<)> Apply. Primer + 2 coats Enamel Paint to Kerb Stone 2) The thickness of paint after finishing should be (80 - 100) micron. 3) The make of paint should be Asian Paint. 4) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed. DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises. 2) Issuing the permit after complete preparation by Contractor. |
| 340 | 4001323 | Prov/Fixing Kerb Stones (0.5X0.15X0.4) | EA | Contractor's Scope :1) Prov. <(>&<)> Fixing Kerb Stones (0.5 X 0.15 X 0.4) 2) The item is inclusive of excavation, fixing of kerb stone with labour, transport of kerb, etc complete. 3) The Grade of concrete of kerb to be M20 and formwork shall be in scope of vendor and non payable. 4) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed. DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises. 2) Issuing the permit after complete preparation by Contractor. |

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|-----|---------|--|-----|--|
| 341 | 4001329 | Prov/ Fixing of Sintex Water Tank 1000lt | EA | Contractor's Scope :1) Prov . <(>&<)> Fixing Sintex Water Tank of 1000 litre2) The item is inclusive of provision of float valve and gate valve ofrequired size .3) The transport and shifting of tank to desired location at all heights is in the scope of vendor and shall be non payable.4) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 342 | 4001331 | Repairing of Cavity Flooring | SFT | Contractor's Scope :1) Repairing of Cavity Flooring frame size 600 X 600 mm2) All material included with labour. Replacement of frame with framesupport all inclusive.3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 343 | 4001332 | Replacement of cavity floor tiles | SFT | Contractor's Scope :1) Replacement of Cavity floor tiles by existing size tiles.2) Floor tiles should be of standard quality with ISI certification.3) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 344 | 4001340 | Prov/ Fixing of Sintex Water Tank 2000lt | EA | Contractor's Scope :1) Prov . <(>&<)> Fixing Sintex Water Tank of 2000 litre2) The item is inclusive of provision of float valve and gate valve ofrequired size .3) The transport and shifting of tank to desired location at all heights is in the scope of vendor and shall be non payable.4) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 345 | 4001342 | Pro. & Lay. HDPE 750 Micr. Thk Geomemb | M2 | Contractor's Scope :1) Providing and laying geomembrane 750 micron thick .2) Job includes cutting of membrane, heating by special blower, jointingwith approved adhesive for a leak free joint.3) Arrangement of Skilled operators with rope ladders etc .complete4) All manpower and transport is in the scope of vendor and shall be nonpayable.5) Necessary permits to be taken <(>&<)> safety rules <(>&<)>regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor.DFPCL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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|-----|---------|--|----|--|
| 346 | 4001343 | P & App Ext. Wall W/proof by Sunan.Chem | M2 | Contractor's Scope :1) Providing and applying one coat of anti algi treatment with Microbial Wall Wash and Anti-rooting Solution - Sunantifungal SP on entire surface of external wall, At the junction of chajja and wall and also on the parapet wall top,2) At the junction of chajja and wall and also on the parapet wall top,3)Cracks to be filled with acrylic polymeric non-shrink crack filler putty Polyfill AR before giving waterproofing treatment to the external surfaces.4) This is followed by two coats of Acrylic Polymeric Waterproofing Coating - Polyalk WP having a non-toxic acrylic polymer liquid and white cement mix in proportion 1:0.5 by weight with coat interval as 24 hours.5)Air curing shall be done for 24 hours. Before giving this treatment the entire surface of wall shall be thoroughly clean to remove existing paint, dust, dirt, oil etc.6) After the waterproofing treatment is cured, provide and apply two coats of 100% acrylic waterproof heat insulating breathable decorative acrylic emulsion external coating - Sunext 8 or equivalent.7) The inter-coat gap to be 24 hours. 100% Acrylic, Decorative, Waterproofing, Heat Insulating, Exterior Coating,8) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 347 | 4001382 | Prov & Apply 1000micron thk PU floorcoat | M2 | Prov. And apply 1000 micron PU floor coating.Flow Type - solventless compound containing filler and pigment and the mixture is poured directly on to the surface when the blend will flow and level itself often with little assistance to form a smooth continuous coating av. 1mm |
| 348 | 4001383 | Prov & Apply 2000micron thk PU floorcoat | M2 | Prov. And apply 2000 micron PU floor coating.Flow Type - solventless compound containing filler and pigment and the mixture is poured directly on to the surface when the blend will flow and level itself often with little assistance to form a smooth continuous coating av. 2mm |
| 349 | 4001402 | P&F Nylon Anti bird net | M2 | P<(>&<)>F Nylon Mesh type Anti bird net at 10m Height Vendor Scope: Sample to be approval prior work, All tools <(>&<)> tackles , Tying accessories for Net fixing, scaffolding if required Dfpcl Scope: Permit, Power supply, Water |
| 350 | 4001491 | P/F Robe Hook | EA | Providing and fixing Robe hook Make : JAQUAR, continental series, CatNo. CAN 1191 N |
| 351 | 4001492 | P/F Towel Ring | EA | Providing and fixing Towel ring Make : JAQUAR, continental series, CatNo. CAN 1121 NR |

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| 352 | 4001569 | Supp. and Instal. of Roller Blind | SFT | Contractor's Scope :1)Supply and Installation of Roller Blinds with head channel, traversingcord, and warranty etc as per manufacturer's specifications. Fabric to be as per approved sample.2) Bottom of the blind shall be provided with aluminium tube powdercoated in a colour matching to the fabric. The fabric shall be enclosed in the suitably created pocket along with the tube.3) The tube shall be closed from sides with end caps to give a neat look. Clutch driven roller mechanism with stopper and load bar in powder-coated aluminium. Make Vista/Marvel4)Composition : 36% of Glass fibre <(>&<)> 64% of PVC, Fabric : 500 GSM Openness Factor : 5%5) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Issuing the permit after complete preparation by Contractor. |
| 353 | 4001581 | P&F Rubber Speed Humps | RM | Providing and fixing High strength Rubber Speed Humps Of Size 500*400*50mm with necessary fittings etc.Details as (1)Colour- Yellow black(2)Load Capacity - 50Mt(3)With Anchor Bolts and Reflectors All materials for stitching ,tools and tackles with is in vendor scope Dfpc provides Permit, water and power supply at one point |
| 354 | 4001616 | Prov. & Fix. of Safety Net (ISI Mark) | M2 | Contractor's Scope :1) Fixing and provision of Safety Net (ISI Mark)2) The safety net to be provided and tied to existing scaffolding / existing structure and shall remain sturdy.3) All material required for fixing and labour in scope of vendor.4) Loading , unloading fixing and removal completely in scope vendor.5) Necessary permits to be taken <(>&<)> safety rules <(>&<)> regulations must be followed.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 355 | 4001620 | Prov. And Fixing GI Road crash barrier | M | Providing and erection of Metal Beam Crash Barrier Type -A,W: Metal Beam Crash Barrier Contractor's Scope : 1) (Providing and erecting a W metal beam crash barrier comprising of 3mm thick GI corrugated sheet beam rail, 70 cm above road/ground level, fixed on GI ISMC series channel vertical post, 150x75x5mm spaced 2m centre to centre, 1.8m high, 1.1m below ground / road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330 mm long complete DFPCL Scope : 1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |

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| 356 | 4001632 | Road Lane Marking by cold plast paint | M2 | Providing and applying Cold plastic paint two component rolled onsurfacing material solvent free, high build two packseamless, tough, skid resistant, material with has property of attaining2.00 mm thickness in single coat applicationwhite (or as required colour)based on glass and colour retaining acraliccrosslink ingres in system for coloured roadsurfacing including surface cleaning and cost of all material etc.complete.(All inclusive on bitumen/concrete surface) |
| 357 | 4001633 | P/A Zebra Crossing Paint Pattern | M2 | All Tools /tackles and material is in vendor scope,Dfpcl provideElectrical power supply,Water connection at one pointP/A OF 2.5mm HOT THERMOPLASTIC PAINT ON ROAD FOR ZEBRA CROSSINGProviding and applying 2.5 mm thick <(>&<)> 300mm Wide road markingstrips (retroreflective) of specified shade/ colourusing hot thermoplastic material of make Oscar/Nirmiti or approved byfully/ semi automatic thermoplastic paintapplicator machine fitted with profile shoe, glass beads dispenser,propane tank heater and profile shoe heater,driven by experienced operator on road surface including cost ofmaterial, labour, T<(>&<)>P, cleaning the road surface of all dirt,seals, oil,grease and foreign material etc. complete as per direction of EIC andaccordance with applicable specifications.(Width of Zebra Crossing is 2.0m and Length as per Site Condition) |
| 358 | 4001646 | Prov and fix. GI Steel Door with frame | M2 | Providing and fixing Steel Door with frame incl. all types fixtures andcivil works and mill finish epoxy paint.Scope of work includes providing frame and shutter as mentioned andFinishing surface for installation.Door Frames: Frames shall be fabricated from 10g sheets. They shall bemortised, reinforced, drilled and tapped forhinges and lock and bolt strikes. Where necessary,frames shall bereinforced for door closers, Welded construction withmitered corners shall be used. Rubber door silencers shall be furnishedfor the striking jamb.Loose "T" masonry anchors shall be provided. Frames shall finish flushwith floor and adjustable floor anchors shall besupplied. Frames shall be brought to site with floor ties/weather barsinstalled in place.b) Double Plate Flush Door Shutters: Door shutters shall be 45mm thick,completely flush design and shall comprise oftwo outer 14G steel sheets, rigidly connected and reinforced inside withcontinuous vertical stiffeners,spot welded in position at notmore than 100mm on centres incl. allfixture like hinges heavy duty min. 3 per shutter,both side 8" D type handle and aldrip, tower bolt, door stopeer and doorcloser. |
| 359 | 4001673 | P&F Pvc 4" Fittings | EA | Vendor Scope:Providing and fixing 4" fittings like Tee/Elbow/Coupling ofAstral/Surya make or equivalentheavy duty, exposed, including cutting pipes,making connections andreturning of serviceable material to the designated place and makinggood the same etc complete as directed by Engineer-in-charge.All Manower,tools/machineDfpcl Scope:Provides permit and power supply at one point |

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| 360 | 4001674 | P&F Pvc 3" Fittings | EA | Vendor Scope:Providing and fixing 3" fittings like Tee/Elbow/Coupling of Astral/Suryamake or equivalent heavy duty, exposed, including cutting pipes,making connections and returing of serviceable material to the designated place and making good the same etc complete as directed by Engineer-in-charge.All Manower,tools/machine Dfpcl Scope:Provides permit and power supply at one point |
| 361 | 4001675 | P&F UPVC 50mm Fittings | EA | Vendor Scope:Providing and fixing 50mm fittings like Tee/Elbow/Coupling of Astral/Surya make or equivalent heavy duty, exposed, including cutting pipes,making connections and returing of serviceable material to the designated place and making good the same etc complete as directed by Engineer-in-charge.All Manower,tools/machine. Dfpcl Scope:Provides permit and power supply at one point |
| 362 | 4001676 | P&F UPVC 25mm Fittings | EA | Vendor Scope:Providing and fixing 25mm fittings like Tee/Elbow/Coupling of Astral/Surya make or equivalent heavy duty, exposed, including cutting pipes,making connections and returing of serviceable material to the designated place and making good the same etc complete as directed by Engineer-in-charge.All Manower,tools/machine Dfpcl Scope:Provides permit and power supply at one point |
| 363 | 4001678 | S/F 15mm dia Brass Float Valve as per IS | EA | Vendor Scope:Providing and fixing of Brass valve of 15mm diameter of good quality on the pipe lines with gasket at any locations as specified with all necessary tools and tackles and consumables etc as directed by Engineer in charge All Manpower,tools/machine Dfpcl Scope:Provides permit and power supply at one point |
| 364 | 4001680 | P and F Backlite Sheet 4mm for door | M2 | Vendor Scope:1. Providing and fixing 4mm backlite sheet for modification of doors including cutting and recondition of doors 2. All Manower,tools/machine for the job. Dfpcl Scope:Provides permit and power supply at one point |
| 365 | 4001681 | L/C FOR DISMANTLNG Existing Pipelines | RM | Labour charges for removing of PVC,UPVC,GI pipelines inc excavation, declamping at any height and stacking material as directed by EIC. Work including wall chasing, Floor chasing Vendor Scope: All Manower,tools/machine Dfpcl Scope:Provides permit and power supply at one point |
| 366 | 4001687 | Hiring of 10 HP Elect. Dewatering Pump | MON | Contractor's Scope :1) Hiring of dewatering pump 10 HP ele. Pump with all necessary fitting like starter, Min. 30 mt. standred cable <(>&<)> 50 mt suction pipe. DFPCl Scope :1) Electricity will be provided free of Cost for work inside DFPCl premises. 2) Issuing the permit after complete preparation by Contractor. |

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|-----|---------|--|----|---|
| 367 | 4001688 | Providing & painting bitumen painting | M2 | Scope of work : Providing and painting 2 coats of bitumen paint. Vendor scope: Providing and painting 2 coats of bitumen paint. Surface should be cleaned, free from oil, dirt, dust and loose debris. Apply 2 coats of bitumen paint incl. scaffolding if required. On metal surfaces all loose rust should be removed using a wire brush and where advanced signs of corrosion are evident the area must be treated with a rust inhibitor. A minimum of two coats of Black Bituminous, paint should be applied, the first coat being allowed to dry before the second coat is applied. On porous surfaces where the surface incl. all consumables and equipment, machineries at all levels including hoisting and erecting complete as specified and directed. DFPCL/STL Scope: Work permit, free water and electricity. Issuing the necessary work permit after complete preparation and compliance with filled checklist by Contractor. |
| 368 | 4001699 | Prov. & fixing precast slab (RCC) M-30 | M3 | Contractor's Scope : Providing precast slabs (RCC) M - 30 as per detailed drawing & the design including shuttering, mechanically mixed concrete, curing etc. including hoisting, fixing, complete of any thickness 50mm to 200mm (reinforcement shall be paid separately). DFPCL/STL SCOPE WATER AND ELE, SUPPLY FREE OF CHARGE Necessary work permit & gate pass. |
| 369 | 4001701 | P/L RCC Hume Pipe of 900 dia - NP3 Class | M | Providing and laying of RCC hume pipe of NP-3 class pipe of 900 dia including excavation backfilling, pipe connections, joint sealing etc complete in all respect as per instruction of EIC. |
| 370 | 4001702 | P/L RCC Hume Pipe of 600 dia - NP3 Class | M | Providing and laying of RCC hume pipe of NP-3 class pipe of 600 dia including excavation backfilling, pipe connections, joint sealing etc complete in all respect as per instruction of EIC. |
| 371 | 4001705 | P & f 1/2" Bath Shower Jaguar Make | EA | Contractor's Scope : 1) Prov. & Fix. of 1/2" Bath Shower Jaguar Make with all fittings 2) Skilled manpower, tools and tackles 3) Removal of any damaged fitting with existing line. 4 All joints should be water tight. DFPCL/STL Scope : 1) Electricity, water will be provided free of Cost for work inside DFPCL/STL premises. 2) Issuing the permit after complete preparation by Contractor. |
| 372 | 4001706 | P & f IWC Flush Tank Jaguar Make | EA | Contractor's Scope : 1) Prov. & Fix. IWC Flush Tank Jaguar Make with all fittings 2) Skilled manpower, tools and tackles 3) Removal of any damaged fitting with existing line. 4 All joints should be water tight. DFPCL/STL Scope : 1) Electricity, water will be provided free of Cost for work inside DFPCL/STL premises. 2) Issuing the permit after complete preparation by Contractor. |

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| 373 | 4001716 | P & f Bottle Trap Jaguar Make | EA | Contractor's Scope :1) Prov. <(>&<)> Fix.of Bottle Trap Jaguar Make with all fittings2) Skilled manpower, tools and tackles3) Removal of any damaged fitting with existing line.4 All joints should be water tight.DFPCL/STL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL/STL premises.2) Issuing the permit after complete preparation by Contractor. |
| 374 | 4001717 | P & f Soap Dish Jaguar Make | EA | Contractor's Scope :1) Prov. <(>&<)> Fix.of Soap Dish Jaguar Make with all fittings2) Skilled manpower, tools and tackles3) Removal of any damaged fitting with existing line.4 All joints should be water tight.DFPCL/STL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL/STL premises.2) Issuing the permit after complete preparation by Contractor. |
| 375 | 4001718 | P & f Paper Holder Jaguar Make | EA | Contractor's Scope :1) Prov. <(>&<)> Fix.of Paper Holder Jaguar Make with all fittings2) Skilled manpower, tools and tackles3) Removal of any damaged fitting with existing line.4 All joints should be water tight.DFPCL/STL Scope :1) Electricity, water will be provided free of Cost for work insideDFPCL/STL premises.2) Issuing the permit after complete preparation by Contractor. |
| 376 | 4001776 | Excavation in soil,murum & Back filling | M3 | Excavation in soil,murum <(>&<)> Back fillingMarking of excavation area before start of jobExcavation to be started with prior permission from owner's engineer.Excavations is near running chemical/gas pipeline/telecommunicationscables/electrical cables etc. hence shall be done with extreme care soas not to disturb the running pipeline or cables in any waysIn case during excavation, any concealed/underground electricalconduits/cables are found, Contractor shall immediately stop excavatingthe area and shall bring to the notice of Owner's Engineer. No furtherexcavation shall be carried out till further permission is given to doso.All surplus or unusable excavated material carting, spreading andlevelling as directed.All required man, machine and tools are to be arranged by contractoralong with required Electrical supply by using mobile DG set. |
| 377 | 4001781 | Filling with bought out soil | M3 | Backfilling with soil brought from outside in layers of 225mm withwatering, ramming, compaction with earth compactorsor plate compactor to achieve 95% modified proctor density as requiredby the engineer in charge, with approved earthas per drawing, specifications and as directed by Engineer in charge.Item rate inclusive of all transport,taxes - royalties, duties, etc as well as loading, un-loading, spreadingin layers and compaction cost, tools, plants,consumables and labour costs, etc complete. for lead of up to 1km asdirected and approved by Engineer in charge. |

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|-----|---------|--|-----|--|
| 378 | 4001808 | Supply & fixing Frosted film Door | SFT | Supply <(>&<)> fixing 12mm thick single leaf toughened glass door, border polish with SS handle 300mm long SS patch fitting, floor spring make dorma or Qwell or equivalent, with frosted film and size as directed by EIC. Glass make: Modi guard, Ambika, Saint Gobain Vendor Scope: Installation, Mobilisation, Food, Accommodation, Transportation, Insurance if any, Tools-Tackles Dfpc/STL Scope: Permit, Power supply, Water |
| 379 | 4001841 | P&F Chem. Hilti anchor fastener M16X220L | EA | Vendor Scope of Work :1) Providing and fixing in position Chemical anchor fastener M16X220L Hilti make with all tools <(>&<)> tackles. 2) Job to be carried out under supervision of competent engineer of contractor 3) Complete housekeeping after completion of Job 4) Complete electrical inspection of electrical equipment by DFPC/STL electrical shift engineer before starting the job. DFPC/STL Scope : 1) Issuing permit after complete preparation by contractor. 2) Provision of electricity and water inside DFPC/STL Premises. |
| 380 | 4001850 | Providing & Fixing CPVC Pipe 32mm (SDR 11) | RM | Scope of Work: 1) Providing <(>&<)> Fixing 30mm diameter CPVC Pipe of SDR11 Class, Prince make or equivalent with all fittings 2) Making grooves in wall for conceal work 3) Dismantling of existing damaged pipe line and shifting to scrap yard 4) All necessary tests to be carried out as directed by STL engineer STL Scope : 1) Issuing permit after complete preparation by contractor 2) Provision of electricity and water inside STL Premises |
| 381 | 4001851 | Providing & Fixing CPVC Pipe 38mm (SDR 11) | RM | Scope of Work: 1) Providing <(>&<)> Fixing 38mm diameter CPVC Pipe of SDR11 Class, Prince make or equivalent with all fittings 2) Making grooves in wall for conceal work 3) Dismantling of existing damaged pipe line and shifting to scrap yard 4) All necessary tests to be carried out as directed by STL engineer STL Scope : 1) Issuing permit after complete preparation by contractor 2) Provision of electricity and water inside STL Premises |
| 382 | 4001852 | Providing & Fixing PVC Pipe 2" (Type B) | RM | Scope of Work : 1) Providing and Fixing 2" diameter PVC Pipe of type B Class, Prince make or equivalent with all fittings 2) Rate includes all necessary fittings such as clamps, hooks etc. 3) Including provision of scaffolding at any height 4) All joints should be water tight 5) Dismantling of existing damaged pipe line and shifting to scrap yard STL Scope : 1) Issuing permit after complete preparation by contractor 2) Provision of electricity and water inside STL Premises |

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| 383 | 4001853 | Providing & Fixing CPVC Brass Elbow 19mm | EA | Scope of Work : 1) Providing and Fixing 19mm diameter CPVC Brass Elbow, Prince make or equivalent with all fittings2) All necessary tests to be carried out as directed by STL engineer3) All joints should be water tight4) Dismantling of existing damaged fittings and shifting to scrap yardSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |
| 384 | 4001854 | Providing & Fixing CPVC Brass MTA 19mm | EA | Scope of Work :1) Providing and Fixing 19mm diameter CPVC Brass MaleThreaded Adapter (MTA) , Prince make or equivalent2) All necessary tests to be carried out as directed by STL engineer3) All joints should be water tight4) Dismantling of existing damaged fittings and shifting to scrap yardSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |
| 385 | 4001855 | Providing & Fixing CPVC Brass MTA 32mm | EA | Scope of Work :1) Providing and Fixing 32mm diameter CPVC Brass MaleThreaded Adapter (MTA) , Prince make or equivalent2) All necessary tests to be carried out as directed by STL engineer3) All joints should be water tight4) Dismantling of existing damaged fittings and shifting to scrap yardSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |
| 386 | 4001856 | Providing & Fixing CPVC Brass MTA 38mm | EA | Scope of Work :1) Providing and Fixing 38mm diameter CPVC Brass MaleThreaded Adapter (MTA) , Prince make or equivalent2) All necessary tests to be carried out as directed by STL engineer3) All joints should be water tight4) Dismantling of existing damaged fittings and shifting to scrap yardSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |
| 387 | 4001857 | Providing & Fixing CPVC Brass FTA 32mm | EA | Scope of Work:1) Providing and Fixing 32mm diameter CPVC Brass FemaleThreaded Adapter (FTA) , Prince make or equivalent2) All necessary tests to be carried out as directed by STL engineer3) All joints should be water tight4) Dismantling of existing damaged fittings and shifting to scrap yardSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |
| 388 | 4001858 | Providing&Fixing Waste Flexible Pipe32mm | EA | Scope of Work : 1) Providing and Fixing 32mm dia. Flexible waste pipe,Prince make or equivalent2) All joints should be water tight3) Dismantling of existing damaged fittings and shifting to scrap yardSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |

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| 389 | 4001859 | Providing & Fixing EWC Flush Valve 32mm | EA | Scope of Work : 1) Providing and Fixing EWC Flush Valve 32mm of Jaquarmake2) All necessary tests to be carried out as directed by STL engineer3) All joints should be water tight4) Dismantling of existing damaged fittings and shifting to scrap yardSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |
| 390 | 4001860 | P&F Laminated Solid core flush door 38mm | M-2 | Scope of Work : 1) Providing and Fixing Laminated Solid core flush door shutter 38mm thk2)Standard proprietary commercial ply solidcore flush door shutters of approved quality(commercial finish on both faces)including teak wood lipping all around and all anodised brass fittingsand fixtures of approved quality and as directed3) Laminated with Sunmica coating (1 mm thick) of approved shadeSTL Scope : 1) Issuing permit after complete preparation by contractor2) Provision of electricity and water inside STL Premises |
| 391 | 4001873 | P/F counter for WHB in Granite(PRJ) | M | including kadappa slab at bottambasic rate of lapato granait is 2200/sqmincluding 65 mm facia patti,molding,champering,edge polish,as per dwg.and design.kadappa to be embeded in wall with proper grove,finishing ,curing etc.DFPCL/STL scope: Provision of related drawings. |
| 392 | 4001874 | P/F Granite door frame(PRJ) | M | prepolish twin granite door frameincluding ,all joinery araldite,cement oaste, molding,champering,edgepolish,bull nose and mirror polished,with 6 mm grooved made in wall at the junction of stone and finishedsurface.as per dwg.and design.basic rate of lapato granite2200/sqm,mode of measurement to be taken assingle frame onlywith material,labours etc.DFPCL/STL scope: Provision of related drawings. |
| 393 | 4001876 | P/F JAGUAR MK MIXER(PRJ) | NO | Providing and fixing Jaguar make hot and cold water mixerwith all labour and materialbasic rate Rs5000/nodFPCL/STL scope: Provision of related drawings. |
| 394 | 4001881 | p/f Mirror (PRJ) | M-2 | providing and fixing nirror of required size and shapemoulding and beveling,approved make ,on hard wood board 6 mm thk.Modi make.DFPCL/STL scope: Provision of related drawings. |
| 395 | 4001889 | p/f exhaust fan(PRJ) | NO | providing and fitting of exhaust fan of approved make ,size andspecification by EIC.DFPCL/STL scope: Provision of related drawings. |

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| 396 | 4001904 | P&F PVC Coated galv. chain link 12 G. | M2 | Contractor's Scope :1) Providing <(>&<)> fixing PVC Coated galvanised chain link fencing made out of 12 gauge wire diamond square of 50mm thk .2) MS angles 65x65x6 and flats of 25mm x 3mm to be used.3) Chain link fencing shall be held tight by means of 3 horizontal wires of 4mm thk.4) MS angles, concrete for pedestals etc. shall be paid separately as per structural steel rate and concrete rate. Steel shall be supplied free of cost.5) All labour, material, tools and tackles in Contractor's scope.6) Use of all PPE's relevant to the job as per Company policy.DFPCL Scope :1) Electricity, water will be provided free of Cost for work inside DFPCL premises.2) Issuing the permit after complete preparation by Contractor. |
| 397 | 4001907 | Hiring 10HP Elect operate dewater pump | DAY | Scope of work : PROVIDING 10 HP ELECTRICALLY OPERATED DEWATERING PUMP ON 24 HOURS BASIS VENDOR SCOPE: PROVIDING 10 HP ELECTRICALLY OPERATED DEWATERING PUMP ON 24 HOURS BASIS" AS WHEN REQUIRED" OPERATION BASIS ALL CONSUMABLES AND NECESSARY MAINTENANCE INCLUDING OPERATION AS PER THE INSTRUCTIONS OF OUR JOB CO- ORDINATOR WITH DELIVERY HOSE OF 30 METERS LONG, ALL TOOLS, TACKLES, EQUIPMENTS, CONSUMABLES ETC.DFPCL Scope : 1) Electricity, water will be provided free of Cost for work inside DFPCL 2) Issuing the permit after complete preparation by Contractor. |
| 398 | 4001908 | Excavation in all soils from 3m to 4.5m | M3 | Scope of work : Excavation in all types of soil manually/mechanically for all types civil works depth 3m to 4.5m from NGL Excavation in ordinary soil including clay black cotton soil, soft and hard murrum, sand, gravel, soil containing small pebbles, rubble, boulders, removable without breaking/blasting, etc. which can be loosened manually or mechanically operating tackles such as pick shovels, front loader etc for all types of foundations/footings, plinth beams or any other substructure, including shoring, strutting, dewatering using suitable pumping system, backfilling with excavated soil and stacking of surplus earth within plant boundary. The rate shall incl. all tools, tackles, supervision, transport and incidental expense, overheads and profit, etc from 3 M to 4.5M below existing level. The quoted rate shall be inclusive of all the royalties and the contractor has to submit the royalty challans of the material used for construction activities. Mode of Measurement : The length and width of the PCC of footing/ beam will be measured for payment. No extra payment for working space will be paid. The quoted rate shall be inclusive of the backfilling with the existing soil. |

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| 399 | 4001909 | Shoring supports in excavated pits | M2 | <p>"Scope of work : Propping, shoring and/or underpinning shall be provided for the safety of the adjoining work or property" Necessary propping, shoring and/or underpinning shall be provided for the safety of the adjoining work or property, which is to be left intact, before excavation, dismantling and demolishing is taken up and the work shall be carried out in such a way that no damage is caused to the adjoining work or property which is to be left intact. The contractor would be responsible for the design of shoring for proper retaining of sides of trenches, pits etc. with due consideration to the traffic, superimposed loads etc. Shoring shall be of sufficient strength to resist the pressure and ensure safety from slips and to prevent damage to work/property and injury to persons. It shall be removed as directed after items for which it is required are completed. Should the slips occur, the slipped material shall be removed and slope dressed to a modified stable slope. Removal of the slipped earth will not be measured for payment. Mode of Measurement : The length and height covered / protected will be measured for payment. No extra payment for working space will be paid. DFPC Scope : 1) Electricity, water will be provided free of Cost for work inside DFPC 2) Issuing the permit after complete preparation by Contractor.</p> |
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| 400 | 4001910 | Hard barricade around Excavated pit/area | RM | <p>Scope of work : Barricades to prevent un-authorized entry inside construction area. Barricades used as warning devices, Barricades to prevent un-authorized entry inside construction area. Barricades used as warning devices, alerting people of the hazards in the construction sites. These include control traffic movement on roads and to protect all from hazard prone areas. Barricades shall be provided for the areas where excavation, trenching, construction and demolition work are being performed. Barricade with pre-colour coated profile sheets supported on angle, channel, hollow sections or 25mm dia. rebar depending upon site requirement. The height of barricades shall be minimum 1.2 m. or Barricades with scaffolding pipes:- Vertical pipes shall be placed at about 2.0 m centre to centre and firmly grouted. One strand of tape must run continuously from post to post at 1000 mm above ground and another is to run above 300 mm from ground. Barricades should be around the excavated pit at minimum 1.5m from the edge of excavation with caution board. DFPC Scope : 1) Electricity, water will be provided free of Cost for work inside DFPC 2) Issuing the permit after complete preparation by Contractor.</p> |
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| 401 | 4001911 | Painting wall with Apex Ultima Protek | M2 | Scope of work : Painting exterior masonry wall/concrete surfaces with Asian paints Apex Ultima Protek Vendor scope:1) Cleaning the surface thoroughly with wire brush, sand paper or grinding to be done if necessary 2) Surface should be free from any loose paint, loose concrete particles, chalkiness, dust or grease 3) Growths of fungus, algae or moss should be removed by wire brushing and water For surfaces having heavy algal infestation, proper cleaning followed by application of BIO BLOCK 4) For filling cracks upto 3mm use Asian paints Smartcare crack seal 5) Apply First coat of Apex Ultima Protek base coat with 30% water dilution with 4 hours self curing 6) Apply Second coat of Apex Ultima Protek base coat with No dilution with 4-6 hours of self curing 7) Apply 2 coats of Apex ultima protek Top coat with 40% dilution with 4-6 hours of curing 8) Special attention to be paid to the tops and other horizontal surfaces where fungus is most likely grow 9) Exterior surface subjected to continuous seepage/dampness, use Smartcare damproof before top coat. 10) Item is inclusive of scaffolding and upto 15m Height. For height more than 15m, scaffolding will be paid separately. 11) Item is inclusive of 10 year durability warranty, 5 year waterproofing warranty, 5 year anti-algal warranty by vendor 12) All necessary tools, tackles, Paint, cage, pulleys, wire ropes, scaffolding materials etc. to be arranged by the party STL Scope: 1) Electricity, water will be provided free of Cost for work inside DFPC premises. 2) Issuing the necessary permit after complete preparation and compliance with filled checklist by Contractor. |
| 402 | 4001913 | P & F granite Window frame | RM | Providing <(>&<)> Fixing granite Window frame Natural stone, black colour Thickness 12 mm to 188 mm- Standard quality |
| 403 | 4001914 | Main door steps | RM | Main door granite steps <(>&<)> riser Natural stone, black colour Thickness 12 mm to 188 mm- Standard quality |
| 404 | 4001915 | P & A internal royal paint | M2 | Wall painting Royal with surface preparation one + two coats of Asian paints Royal First quality |
| 405 | 4001942 | P/L SIPOREX WALL of 230mm thickness | M2 | VENDOR SCOPE OF WORK-Making masonry wall of 230mm thick Siporex Block With proper line and level ready to apply 1 : 4 cement sand plaster. The rate to include RCC stiffener at every 1 metre intervals in 1:2:4 concrete. Dfpc scope --All required drawing and design. |
| 406 | 4001943 | P/L SIPOREX WALL of 100mm thickness | M2 | VENDOR SCOPE OF WORK-Making masonry wall of 100mm thick Siporex Block With proper line and level ready to apply 1 : 4 cement sand plaster. The rate to include RCC stiffener at every 1 metre intervals in 1:2:4 concrete. Dfpc scope --All required drawing and design. |

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| 407 | 4001950 | P&F Fibrocast 25T Cap FRP Cover 900X600mm | EA | Scope of work : P<(>&<)>F Fibrocast HD(25T/C250) Composite FRP Chamber Cover with frame Vendor scope:1) Providing and fixing 900mmX600mm Heavy duty composite FRP Solid top chamber cover with all tools and tackles2) Load bearing capacity is 25 MT/C250 Make : Fibrocast3) Fixing the Cover frame in concrete and placing cover after proper curing of frame concrete4) Levelling the surface where chamber cover to be provided STL Scope: Work permit, free water and electricity. Issuing the necessary work permit after complete preparation and compliance with filled checklist by Contractor. |
| 408 | 4001952 | Prov. and Const. RCC chamber 900X600mm | EA | Scope of work : Providing and Constructing RCC Inspection chamber 900mmX 600mm with FRP Cover EHD(40T/D400) Vendor scope:1) Construction of RCC Inspection chamber with 900mm X 600mm internal dimensions2) The internal depth of chamber should be 1.5m.3) Item is inclusive of excavation, 9" soling, 4" thk. PCC M10, RMC M30, shuttering, reinforcement fixing and FRP cover4) The Base slab and walls of chamber should be 150 mm thick and watertight5) Details of Chamber Cover :6) Providing and fixing 900mmX600mm Extra Heavy duty composite FRP Solid top chamber cover with all tools and tackles7) Load bearing capacity is EHD(40T/D400) Make : Fibrocast8) Fixing the Cover frame in concrete and placing cover after proper curing of frame concrete STL Scope: Reinforcement shall be provided by STL Work permit, free water and electricity. Issuing the necessary work permit after complete preparation and compliance with filled checklist by Contractor. |
| 409 | 4001960 | P/L SIPOREX WALL of 150mm thickness | M2 | VENDOR SCOPE OF WORK-Making masonry wall of 150mm thick Siporex Block With proper line and level ready to apply1 : 4 cement sand plaster. The rate to include RCC stiffener at every 1 metre intervals in 1:2:4 concrete. Dfpc scope --All required drawing and design. |

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| 410 | 4001964 | Provide & apply Masterbrace1414 bondcoat | KG | <p>Providing, mixing and applying two component epoxy resin based bonding agent. Vendors scope Providing solvent free MasterBrace 1414, high performance, long potlife, versatile epoxy bonding agent-Old and new concrete Application MasterBrace 1414 for both dry and damp surfaces after proper preparation Remove all grease, oil, dust, residual compound, mould release agent or other contaminant that could impair adhesion. Laitance should be removed by sweep / blasting or hydrojet. Mechanical wire brushing may be appropriate for small areas. Mixing Thoroughly stir Part A, add Part B and blend thoroughly using a slow speed mixer fitted with a suitable paddle Application of MasterBrace 1414 may be placed using a brush or roller and applied evenly across the whole surface. Subsequent coats should be placed within 30-45 minutes and the MasterBrace 1414 should still be tacky. Bonding fresh concrete should be applied into a still tacky surface if the tack has gone reapply the MasterBrace 1414</p> |
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| 411 | 4001965 | Provide & apply MasterEmaco S650 mortar | KG | <p>Providing, mixing and laying MasterEmaco S6550 fast setting, handapplied repair mortar.Vendors scopeProviding, mixing and laying MasterEmaco S6550 fast setting, handapplied repair mortar over bonding agent.Surface preparation : All loose traces of concrete or mortar, dust,grease oil, etc. must be removed.Damaged/contaminated concrete removed to obtain a keyed aggregateexposed surface. Non-impact/ vibrating cleaning methodsgrit / high pressure water blasting are recommended. Cut the edges ofthe repair vertically to a minimum depth of 10 mm.Clean all exposed reinforcement. Ensure back of rebar is also clean,Where reinforcing bars are corroded,cut back concrete to at least 20mm behind the reinforcing bars. Gritblast /chemcial cleaning around the reinforcingbars to remove corrosion products. Replace and coat the affected part ofreinforcing bar with MasterEmaco P 130 forprotection against corrosion if the diameter is found reduced by morethan 20% of the original diameter on the advice ofthe structural engineer responsible for the works.. Mixing Only fullbags are mixed. Damaged or opened bags should notbe used. Mix MasterEmaco S 650 in a forced action pan mixer for 3minutes until a lump free, thixotropic consistency isachieved. Only use clean water. Mixing water needed: 2.75litres per 25kgbag. Allow the mortar to rest for 2 - 3 minutesand then remix briefly before applying. If the temperature is above 300Cuse chilled water as the mixing water.Mortar application : The prepared substrate should be presoaked,preferably for 2 hours before applying MasterEmaco S650The surface must be saturated surface dry, but without standing water.Apply MasterEmaco S 650 directly to the prepareddamp substrate/wet on wet onto the primed surface. A thin scrape coat orcontact layer before building up to the requiredthickness, wet on wet, will improve adhesion especially in case of handapplication. Apply to the desired layer thicknessof 10 to max 50 mm and level using a screeding bar, trowel or woodenboard. Can be applied in thicker layers in smallerpatches or where additional reinforcement is present.Smoothing with a trowel or finishing by float or sponge can be done assoon as the mortar has begun to stiffen.CURING :MasterEmaco S 650 should be cured with a water mist or wethessian for as long.</p> |
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| 412 | 4001970 | Provide & Fix MS Insert plate in RCC mem | KG | Scope of work : Providing and fixing MS Insert plates in RCC members with lugs (as per design and site requirement) Vendor scope: 1) Providing MS Insert plates as mentioned in drawing for fixing civil structural members with lugs/anchors 2) Specification thickness, size of insert plate must be as per drawing/ design provided by STL. Full length welding. 3) Fixing in position includes labour and tools/tackles required to complete job. Fixing to be done with tying with adequate wire quality / welding / bolting etc. as mentioned in drawing. 4) Job to be executed as per EHS and Electrical requirements of STL. STL Scope: 1) Work permit, free water and electricity for work inside STL premises 2) Issuing the necessary work permit after complete preparation and compliance with filled checklist. |
| 413 | 4001984 | Pr. & Fix. Al Door Heavy Duty | M-2 | Scope of work Contractor's scope - Scope of Work - Providing and Fixing Heavy Duty Aluminum Door. Contractor's Scope of Work - The door to be provided should have Heavy Duty Aluminum Frame of size 150X50mm. Also, glass of 5.5mm thickness to be used. All accessories with lock, handrail etc. complete. Minimum thickness of aluminum members shall not be less than 2mm. All aluminum sections to be anodized. All tools, tackles, manpower is in scope of vendor. DFTP/DSTL/PCL Detail Scope - Provide the electric supply for the job. Job Coordinator Details - Manager-Civil Safety Precautions - All safety rules and regulations must be strictly followed as per the policy of organization. Time Schedule - As per time line Preferably the jobs to be done in non-silent hours only as mentioned in Purchase Order. House keeping - While working and post completion proper housekeeping must be maintained as per the standards of DFPCL. |
| 414 | 4001988 | P/F 18mm thk Bison Board | SFT | Contractor's Scope of Work - Providing Fixing of 18mm thick Bison Board with all labours material. DFPCL Scope - Provision of required Drawings. Job Coordinator - Civil manager. Safety Measures - PPE to be used and permit system to be followed as per time line. House keeping to be done. |
| 415 | 4001989 | P/F 12mm thk Bison Board | SFT | Contractor's Scope of Work - Providing Fixing of 12mm thick Bison Board with all labours material. DFPCL Scope - Provision of required Drawings. Job Coordinator - Civil manager. Safety Measures - PPE to be used and permit system to be followed as per time line. House keeping to be done. |

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| 416 | 4001990 | P/F Partitions of 12mm thk Bison Board | SFT | Contractor's Scope of Work - P/F Partitions made out of Aluminium crosssection of size 50X25mm and 18 gauge. Vertical sections should be at an approximate spacing of 600mm center to center and horizontal sections at an approximate spacing of 600mm center to center. The intersecting frame sections must be fastened firmly with each other. All verticals must be secured to the ceiling with anchor fasteners. All provisions to be made for all electrical, networking boxes on partition framework at required heights/levels with necessary additional supports as directed. The space between the skins must be filled with glass wool of density 24kg/m ³ for sound insulation but frame covered with 12mm thk. Bison Board DFPCL Scope - Provision of required Drawings. Job Coordinator - Civil manager. Safety Measures - PPE to be used and permit system to be followed as per time line. House keeping to be done. |
| 417 | 4002024 | Raised Access Floor Tiles | M2 | Scope of Work : Raised Access Floor Tiles. Contractor's Scope of Work : Providing <(>&<)> Fixing of Raised Access Floor Tiles, Type : AntiStatic HPL Laminated Steel Cementitious Panel, Size 600x600x35mm GRADE FS800, Panel is made out from High Grade Cold Rolled Steel Sheet Top <(>&<)> Bottom plate joint with 128 spotwelding <(>&<)> cavity is filled with light weight Fire Retardant, noncombustible cementitious compound at high pressure for solid load bearing capacity. It is coated with epoxy powder coating With 40-60 Micron for long life. Top finish covered with high pressure antistatic laminate or PVC. Four Edges are covered with black conductive edge beading for good conductivity. with Dismantling of Existing Tiles and refixing of new with proper level. All work related PPE <(>&<)> Tools, Material. DFPCL Scope : Permit and Power supply at one point. Job Co Ordinator details : Dipak Denani <(>&<)> Anoopkumar Prasad Safety Precautions : All power tools will be testing and used by authorized person, all work related PPE. Time Schedule : 15 Days. Housekeeping : Area to be cleaned and balance material to be shifted as directed by EI after work completion. |
| 418 | 4002033 | P/F 150mm wide Window Sill 18mm thk | RFT | 1. Scope of Work <(>&<)> Contractor's Scope of Work : Providing and fixing 150mm wide window sill of 18mm thick polished approved stone slabs of approved shade, fixed with cement paste with araldite and hold fast joinery flushed with the finished surface of wall, inclusive of bull nosed edging on one side finished with mirror polished, inclusive of 6mm groove in the wall at the junction of granite <(>&<)> finished surface of wall etc complete. Cost of Granite stone Rs. 165/sqft inclusive of delivery, Octroi, loading-unloading at site and all taxes thereon. 2. DFPCL/DSTL/PCL Detail Scope : Providing Drawing <(>&<)> Design. 3. Job Co-Ordinator Details : Civil Manager. 4. Safety Precautions : All PPE'S to be used <(>&<)> Permit system to be followed. 5. Time Schedule : As per Timeline. 6. Housekeeping : Should be done after job completion and should be verified by DFPCL. |

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| 419 | 4002034 | P/F 230mm wide Window Granite Sill 18mm | RFT | 1. Scope of Work <(>&<)> Contractor's Scope of Work :Providing and fixing 230mm wide window sill of 18mm thick polishedapproved stone slabs of approved shade, fixed withcement paste with araldite and hold fast joinery flushed with thefinished surface of wall, inclusive of bull nosed edging on one side finished with mirror polished, inclusive of 6mmgroove in the wall at the junction of granite <(>&<)>finished surface of wall etc complete.Cost of Granite stone Rs. 165/sqft inclusive of delivery, Octroi,loading-Unloading at site and all taxes thereon.2. DFPCL/DSTL/PCL Detail Scope :Providing Drawing <(>&<)> Design.3. Job Co-Ordinator Details :Civil Manager.4. Safety Precautions :All PPE'S to be used <(>&<)> Permit system to be followed.5. Time Schedule :As per Timeline.6. Housekeeping :Should be done after job completion and should be verified by DFPCL. |
| 420 | 4002035 | P/F Panel with 12mm Bison without Frame | SFT | 1. Scope of Work <(>&<)> Contractor's Scope of Work:P/F Panelling covered with 12mm thick Bison board and finished in threecoats of lusterpaint.2. DFPCL/DSTL/PCL Detail Scope :Providing Drawing <(>&<)> Design.3. Job Co-ordinator Details :Civil Manager.4. Safety Precautions :All PPE'S to be used <(>&<)> Permit system to be followed.5. Time Schedule :As per Timeline.6. Housekeeping :Housekeeping to be done. |
| 421 | 4002037 | P/F GI False Flooring 0.6X0.6m(1.5mmthk) | SFT | 1. Scope of Work <(>&<)> Contractor's Scope of Work :P/F Raised access floor (False floor app. 300mm high).The panel shall be finished with antistatic 600X600X1.5mm laminate laid on base panelswith solvent free epoxy, edge shall have 0.6mm PVC lipping <(>&<)> floorshall have UDL of10KN/Sqm point load of 2.5KN on 25sqm consisting of GI (Nonelectroplated) base encapsulated high performancechipboard of size 600X600 and min 30mm thick complete with steelpedestals, anti vibrational head cap, other requisiteaccessories and electrical conductor plate for dissipation of staticelectricity, the steel base shall be fixed on tothe sub floor with epoxy adhesive or mechanical fixing as required tosupport access panels. Rate shall includeproviding stringer channels where required, making cutouts forelectrical grommets, ventilation grills, outlet boxes etc.Rate should be inclusive of wastages.2. DFPCL/DSTL/PCL Detail Scope :Providing Drawing <(>&<)> Design.3. Job Co-ordinator Details :Civil Manager.4. Safety Precautions :All PPE'S to be used <(>&<)> Permit system to be followed.5. Time Schedule : As per Timeline.6. Housekeeping :Housekeeping to be done after completion of job. |

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| 422 | 4002052 | P/F MSR Float Valve 1" | EA | <p>Scope of Work :Providing and Fixing MSR float valve Size-1".Vendor's Scope of Work :1. Providing and Fixing Water Level Control valve Size-1",Make-MSR.2. Working Pressure Range of Valve-0.2 to 15Kg with WorkingTemperature-70~120°C.3. Material of Valve-Nylon PA66 with stainless steel screws, food-gradenatural rubber.4. Fixing of float valve with PVC elbow/reducer required if any.5. Scope is including removal of existing valve (any type), all toolstackles, consumables or spares required.DFPCL/STL Scope of Work :1. Issue work permit after complete preparation by contractor.2. Water and electricity will be provided at source.Safety Precautions :All PPEs required to carry out job is in vendor scope (Safety Helmet (BSand IS standard yellowcolour), Safety Goggles, Cotton Hand gloves, full body harness, Fullsleeve shirts etc.)Housekeeping :Complete housekeeping at site and submit housekeeping checklist signedby SIC.Job Co-Ordinator :STL Civil Engineer in charge.</p> |
| 423 | 4002053 | P/F MSR Float Valve 1/2" | EA | <p>Scope of Work :Providing and Fixing MSR float valve-1/2".Vendor's Scope of Work :1. Providing and Fixing Water Level Control valve Size-1/2",Make-MSR.2. Working Pressure Range of Valve-0.2 to 15Kg with WorkingTemperature-70~120°C.3. Material of Valve-Nylon PA66 with stainless steel screws, food-gradenatural rubber.4. Fixing of float valve with PVC elbow/reducer required if any.5. Scope is including removal of existing valve (any type), all toolstackles, consumables or spares required.DFPCL/STL Scope of Work :1. Issue work permit after complete preparation by contractor.2. Water and electricity will be provided at source.Safety Precautions :All PPEs required to carry out job is in vendor scope (Safety Helmet (BSand IS standard yellowcolour), Safety Goggles, Cotton Hand gloves, full body harness, Fullsleeve shirts etc.)Housekeeping :Complete housekeeping at site and submit housekeeping checklist signedby SIC.Job Co-Ordinator :STL Civil Engineer in charge.</p> |

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| 424 | 4002054 | P/F MSR Float Valve 3/4" | EA | <p>Scope of Work :Providing and Fixing MSR float valve-3/4".Vendor's Scope of Work :1. Providing and Fixing Water Level Control valve Size-3/4", Make-MSR.2. Working Pressure Range of Valve-0.2 to 15Kg with WorkingTemperature-70~120°C.3. Material of Valve-Nylon PA66 with stainless steel screws, food-gradenatural rubber.4. Fixing of float valve with PVC elbow/reducer required if any.5. Scope is including removal of existing valve (any type), all toolstackles, consumables or spares required.DFPC/STL Scope of Work :1. Issue work permit after complete preparation by contractor.2. Water and electricity will be provided at source.Safety Precautions :All PPEs required to carry out job is in vendor scope (Safety Helmet (BSand IS standard yellowcolour), Safety Goggles, Cotton Hand gloves, full body harness, Fullsleeve shirts etc.)Housekeeping :Complete housekeeping at site and submit housekeeping checklist signedby SIC.Job Co-Ordinator :STL Civil Engineer in charge.</p> |
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| 425 | 4002058 | P&A Silicon Sealant for Glass Partition | RM | <p>Scope of Work :P(>&<)>A silicon sealant around glass partition. Vendor Scope of Work :1. Providing and applying silicon sealant around glass partition. Make-Henkel, GE Concrete Silicone 2® Sealant. 2. Removing loose particles from external surface of glass/stone partition joints with the help of proper tools and thorough cleaning of glass. Remove dirt, grease, moisture, soap residue (>&<)> old sealant from area to be sealed. Use backer rod for gaps larger than 1/2X1/2". 3. Filling the joints between glass frame and wall and necessary portions of glass (>&<)> frame with weather proof silicon by using silicon gun. 4. Cut nozzle to obtain desired bead size and Using caulk gun, apply sealant into gap. Smooth with a gloved finger or "tool" the caulk into gap. 5. All the joints attended must be waterproof. DFPCL/STL Scope of Work : Issue work permit after complete preparation by contractor. Scaffolding will be provided STL, after mobilization of all material at site, if work is not completed in 15 days after green tag to scaffolding then additional cost of scaffolding will be deducted from your invoice. Water and electricity will be provided at source. you have to make necessary arrangement as per STL requirement. Safety Precautions : 1. All PPEs required to carry out job is in vendor scope (Safety Helmet (BS and IS standard yellow colour), Safety Goggles, Cotton Hand gloves, full body harness with two lanyards, Full sleeve shirts etc. 2. Scaffolding will be inspected by STL safety engineer with green tag. Housekeeping : Complete housekeeping at site and submit housekeeping checklist signed by SIC. If vendor is failed to complete housekeeping then cost will be recovered 1.5 times of actual cost incurred. Job Co-Ordinator : STL Civil Engineer in charge.</p> |
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| 426 | 4002085 | P/A 25mm thick External Readymix Plaster | <p>M2</p> <p>Scope of Work :P/A 25mm thick External waterproof Ready mix plaster.2. Contractor's Scope of Work :1. Providing and Applying external ready mix plaster.2. Plaster should be applied in a two coat with overall thickness 25mmminimum.3. Joints of brickwork should be properly raked upto the depth of 12mm.4. To prevent surface cracks appearing between junctions of column/beamand walls, 150mm widechicken wire mesh should be fixed with U nails 150mm c/c beforeplastering the junction.5. The plastering of walls and beam/column in one vertical plane shouldbe carried out inone go.6. Second coat of plaster must be applied after complete curing of firstcoat.7. Make of Readymix plaster should be ACC Suraksha waterproof plaster201 or equivalent as approved by client.8. The plaster shall be finished to a true and plumb surface and to theproper degree of smoothness as required.should be even and sand finished9. Plaster should be applied and mixed as per Product data sheetprovided by manufacturer.10. All tools and tackles, scaffolding under vendor's scope for allheights.11. Plastering shall be started from the top and worked down towards thefloor.To ensure even thickness and a true surface, plaster about 15X15cm shallbe first applied, horizontally andvertically, at not more than 2metres intervals over the entire surfacet to serve as gauges.The surfaces of these gauged areas shall be truly in the plane of thefinished plaster surface.The mortar shall then be laid on the wall, between the gauges withtrowel.The mortar shall be applied in a uniform surface slightly more than thespecified thickness.This shall be brought to a true surface, by working a wooden straightedge reaching across the gauges,with small upward and side ways movements at a time.Finally the surface shall be finished off true with trowel or woodenfloat according as a smooth or a sandy granular texture is required.Excessive troweling or over working the float shall be avoided.All corners, arrises, angles and junctions shall be truly vertical orhorizontal as the case may beand shall be carefully finished. Rounding or chamfering corners,arrises, provision of grooves atjunctions etc. where required shall be done without any extra payment.Such rounding, chamfering orgrooving shall be carried out with proper templates or battens to thesizes required.12. When suspending work at the end of the day, the plaster shall beleft, cut clean to line bothhorizontally and vertically.When recommencing the plastering, the edge of the old work shall bescrapped cleaned and wetted with cement slurrybefore plaster is applied to the adjacent areas, to enable the two toproperly join together.Plastering work shall be closed at the end of the day on the body ofwall and not nearer than 15cm to any corners or arrises.It shall not be closed on the body of the features such as plasters,bands and cornices, nor at the corners of arrises.Horizontal joints in plaster work shall not also occur on parapet topsand copings as these invariably lead to leakages.The plastering and finishing shall be completed within half an hour ofadding water to the dry mortar.No portion of the surface shall be left out initially to be patched uplater on.13.The plastering and finishing shall be completed within half an hour of adding water to the dry mortar.DFPCL Scope of Work :1. Issuing permit to work after complete preparation by Contractor.2. Electricity and Water will be provided by STL under STL premises.Job Co-Ordinator Details :DFPCL Civil Engineer.Safety Precautions :1. Use of PPE's like safety helmet, safety shoes, cotton hand</p> |
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gloves,safety goggles, full body harness as directed by job coordinator.2. Work on scaffolding should be started only after inspection and issue of Scaffolding green tag by DFPCL EHS officer.3. Job should be started after issue of Permit by DFPCL engineer. Housekeeping Instructions :1. Vendor should clean all the working area after completion of daily activities.2. Submit housekeeping checklist signed by respective DFPCL area operator.3. The debris/wastage any created during job should be properly disposed by vendor outside the DFPCL premises.

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| 427 | 4002110 | P/F Waterless Urinal | EA | <p>Scope of Work :1. Providing and Fixing New Waterless Urinal System.2. Removing the existing urinal system, piping system and all existing fittings including disposal outside the company premises.3. Providing and fixing new waterless urinal system with all fittings, cartridge or chemicals if any required accessories like key valve set with key adaptor and nut, brackets etc. on existing urinal area with proper line and level.4. Make of waterless urinal should be Cera, Hindware, Kohler or as approved by DFPCL/MAL engineer.5. Connecting new waterless urinal system with existing piping system and finishing the surface with white cement after work completion.6. Scope is including removal of existing fittings with all tool stacks, consumables or spares required with proper finish. DFPCL/MAL Scope :1. Issue work permit after complete preparation by contractor.2. Water and electricity will be provided at source. Safety Precautions :All PPEs required to carry out job is in vendor scope (Safety Helmet (BS and IS standard yellow colour), Safety Goggles, Cotton Hand gloves, full body harness, Full sleeve shirts etc.). Housekeeping :Complete housekeeping at site and submit housekeeping checklist signed by SIC. Job Co-Ordinator :MAL Civil Engineer in charge.</p> |
| 428 | 4002136 | P/A HILTY HIT-HY-150 Chem 8mm dia rebar | NOS | <p>1. Scope of Work :Providing <(>&<)> Applying HILTY HIT-HY-150 Chemical or equivalent for 8mm dia rebar.2. Contractor's Scope of Work :Providing and applying HILTY HIT-HY-150 chemical or Equivalent as directed by EIC for 8mm dia rebar at any height. Drilling and cleaning the hole before chemical injecting. All materials and tools tackles, scaffolding if required.3. DFPCL/DSTL/PCL Scope :Design drawing, Work permit, water supply and electrical connection at one point.4. Job Co Ordinator Details :Civil Enggineer.5. Safety Precautions :All mandatory PPE to be used. Permit system to be followed.6. Time Schedule :Work to be continued up to extended hours as per urgency or in general shift.7. Housekeeping :Housekeeping to be done at the end of the day and all area to be cleaned after work completion.</p> |
| 429 | 4002137 | P/A HILTY HIT-HY-150 chem 12mm dia rebar | NOS | <p>1. Scope of Work :Providing <(>&<)> Applying HILTY HIT-HY-150 Chemical or equivalent for 12MM dia rebar.2. Contractor's Scope of Work :Providing and applying HILTY HIT-HY-150 chemical or Equivalent as directed by EIC for 12mm dia rebar at any height. Drilling and cleaning the hole before chemical injecting. All materials and tools tackles, scaffolding if required.3. DFPCL/DSTL/PCL Scope :Design drawing, Work permit, water supply and electrical connection at one point.4. Job Co Ordinator Details :Civil Enggineer.5. Safety Precautions :All mandatory PPE to be used. Permit system to be followed.6. Time Schedule :Work to be continued up to extended hours as per urgency or in general shift.7. Housekeeping :Housekeeping to be done at the end of the day and all area to be cleaned after work completion.</p> |

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| 430 | 4002138 | P/A HILTY HIT-HY-150 chem 20mm dia rebar | NOS | 1. Scope of Work :Providing <(>&<)> Applying HILTY HIT-HY-150 Chemical or equivalent for 20MM dia rebar.2. Contractor's Scope of Work :Providing and applying HILTY HIT-HY-150 chemical or Equivalent as directed by EIC for 20mm dia rebar at any height.Drilling and cleaning the hole before chemical injecting.All materials and tools tackles, scaffolding if required.3. DFPCL/DSTL/PCL Scope of Work :Design drawing, Work permit, water supply and electrical connection at one point.4. Job Co Ordinator Details :Civil Enggineer.5. Safety Precautions :All mandatory PPE to be used.Permit system to be followed.6. Time Schedule :Work to be continued up to extended hours as per urgency or in general shift.7) House keeping :Housekeeping to be done at the end of the day and all area to be cleaned after work completion. |
| 431 | 4002139 | P/A HILTY HIT-HY-150 chem 25mm dia rebar | NOS | 1. Scope of Work :Providing and applying HILTY HIT-HY-150 chemical for 25MM Dia rebar.2. Contractor's Scope of Work :Providing and applying HILTY HIT-HY-150 chemical or equivalent as directed by EIC for 25mm dia rebar at any height.Drilling and cleaning the hole before rebarAll materials and tools tackles, scaffolding if required.3. DFPCL/DSTL/PCL Scope of Work :Design drawing, Work permit, water supply and electrical connection at one point.4. Job Co Ordinator Details :Civil Engineer.5. Safety Precautions :All mandatory PPE to be used.Permit system to be followed.6. Time schedule :Work to be continued up to extended hours as per urgency or in general shift.7. Housekeeping :Housekeeping to be done at the end of the day and all area to be cleaned after work completion. |
| 432 | 4002147 | Disposal of A/C Cement Sheet | M2 | 1. Contractor Scope of Work :Disposal of A/C Cement Sheet including Old Membrane, Tarfelt etc.2. DFPCL/DSTL/PCL Detail Scope of Work :Providing Drawing <(>&<)> Design.3. Job Co-Ordinator Details :Civil Manager.4. Safety Precautions :All PPE'S to be used <(>&<)> Permit system to be followed.5. Time Schedule :As per Timeline.6. Housekeeping :Housekeeping to be done by Vendor. |
| 433 | 6000024 | Hiring of Dumper | HR | Contract for Supplying of Dumper on hire basis "As & where" basis Taloja Works. |

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ANNEXURE IV
Additional Terms and Conditions

1 GENERAL:

There are to apply as additional specifications and conditions, unless otherwise already provided for contradictorily elsewhere in this contract.

2 CONTRACTOR TO STUDY SITE CONDITIONS:

The Contractor shall be deemed to have carefully examined the work and site conditions including labour, the general and the special conditions, specifications, schedules and drawing and shall be deemed to have visited the site of the work and to have fully informed himself regarding local conditions and carried out his own investigations to arrive at rates quoted in the tender. In this regard, he will be given necessary information to the best of Knowledge of CLIENT but without any guarantee to it.

If he shall have any doubt as to the meaning of any portions of these general conditions, or the scope of the work or the specifications and drawings, or any other matter concerning the contract, he shall in good time, before submitting his tender, set forth the particulars thereof and submit them to the Client / Architect, in writing in order that such doubts may be clarified authoritatively before tendering. Once a tender is submitted, the matter will be decided according to tender conditions, in the absence of such authentic pre-clarification.

3 DECLARATION OF THE CONTRACTOR:

The Contractor should sign the declaration form.

4 WORKING METHODS AND PROGRESS SCHEDULE:

4.1 PROGRAM OF WORK:

The work is required to be completed within a period of as specified by the Job Coordinator.

4.2

a) METHODOLOGY OF CONSTRUCTION AND CONSTRUCTION EQUIPMENT:

Contractor shall furnish at least 7 days in advance his program of commencement of item of work, the details of actual methods that would be adopted by the Contractor for the execution of various items of cast-in-situ, super structure, and earth work, supported by necessary detailed drawing and sketches including those of the plant and machinery that would be used, their locations, arrangements for conveying and handling materials etc. And obtain prior approval of Architect well in advance of starting of such item of work. The client's EIC reserves the right to suggest modifications or make complete changes in the method proposed by the Contractor, whether accepted previously or not at any stage of the work, to obtain the desired accuracy, quantity and progress of the work which shall be binding on the Contractor, and no claim on account of such change in method of execution will be entertained by client's EIC so long as specifications of the item remain unaltered. The sole responsibility for the safety and adequacy of the methods adopted by the Contractor will however rest on the Contractor, irrespective of any approval given by the client's EIC.

In case of slippage from the approved work program at any stage, the Contractor shall furnish a revised program to make up the slippage within the stipulated time schedule and obtain the approval of the clients to the revised program.

(b) CONSTRUCTION EQUIPMENT:

The Contractor shall be required to give a trial run of the equipment's for establishing their capability to achieve the laid down specifications and tolerance to the satisfaction of the client before commencement of the work. All equipment provided shall be of proven efficiency and shall be operated and always maintained, in a manner acceptable to the client and no equipment or personnel will be removed from the site without permission of Client.

Construction equipment used to be kept in healthy condition in all respects with valid documents required for various statutory / government agencies. These are to be verified through our EHS department before taking into use.

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(c) **PROGRESS SCHEDULE:**

The Contractor shall furnish within the plant, of one week if the order to start the work, the program of work in CPMs/PERT charts in quadruplicate indicating the date of actual start, the monthly progress expected to be achieved and the anticipated completion date of each major item of work to be done by him, also indicating dates of procurement and setting up of materials, plant and machinery. The schedule is to be such as is practicable of achievement towards the completion of whole work in the time limit, the particular items, if any, on the due dates specified in the contract and shall have the approval of the client, no revised schedule shall be operative without such acceptance in writing. The client/PMC is further empowered to ask for a more detailed schedule or schedules say, week by week for any item or items, in case of urgency of work as will be directed by him and the Contractor shall supply the same as and when asked for.

The Contractor shall furnish sufficient plant, equipment and labour as may be necessary to maintain the progress of the schedule. The working and shifts hours restricted to one shift a day for operations. Nightwork which requests supervision shall not be permitted except when specifically allowed by the Client each time, if requested by the Contractor. The Contractor shall provide necessary lighting arrangements etc. for night works as directed by the client without extra cost.

Further the Contractor shall submit the progress report of work in prescribed forms and charts etc. at periodical intervals, as may be specified by the client. Schedule shall be in the form of progress charts, form progress statement and/or reports as may be approved by the client / PMC.

The Contractor shall maintain Proforma, charts, details regarding machinery, equipment, labour, materials, personnel, etc. as may be specified by the client / PMC.

5 AGENT AND WORK ORDER BOOK:

The Contractor shall himself manage the work or engage an authorized all-time agent on the work capable of managing and guiding the work and understanding the specifications and contract conditions. The Contractor shall provide a qualified and experienced Engineer as his agent for technical matter in case the client considers this is essential for the work and so directs Contractors. He will take orders as will be given by the client or his PMC and shall be responsible for carrying them out. This agent shall not be changed without prior intimation to the client and his representative on the work site. The Contractor shall supply to the client the details of all supervisory and other staff employed by the Contractor and notify changes when made, and satisfy the client regarding the quantity and sufficiency of the staff, thus employed. The client will have the unquestionable right to ask for changes in the quality and numbers of contractor’s supervisor staff and to order removal from work of any such staff. The Contractor shall comply with such orders and effect replacements to the satisfaction of the client/PMC.

A workbook shall be maintained on site and it shall be property of the client and the Contractors shall promptly sign orders given therein by the client and comply with them. The compliance shall be reported by the Contractor to the client in good time so that it can be checked. The Contractor will be allowed to copy out instructions therein from time to time.

6 LEVELING INSTRUMENTS:

If measurements of items of the work are based on volumetric measurements calculated from levels taken before and after the construction of the item, a large number of leveling staves, tapes etc. will have to be kept available by the Contractor at the site of the work for this purpose. Lack of such leveling staves, tapes, etc. in required numbers may cause delay in measurements and work. The Contractor will therefore have to keep enough of these readily available on site.

7 AUTHORITY OF REPRESENTATIVE OF THE CLIENT

The duties of the representative of the Client / Engineer / Supervisor/Architect are to watch and supervise the work and to test and examine any material to be used or workmanship employed in connection with the works.

The PMC may from time to time, in writing delegate to his representative any powers and authorities vested in the PMC and shall furnish to the Contractor a copy of all such delegations of power and authorities any written

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instruction of approval given by the representative of the PMC to the Contractor within the terms of such delegations (but not otherwise) shall bind the Contractor and the Council as though it had been given by the PMC, provided always as follows.

Failure of the representative of the PMC to disapprove any work or materials shall not prejudice the power of the PMC thereafter to disapprove such work or materials and so order the putting down, removal or breaking up thereof.

8 CO-ORDINATION:

When several agencies for different sub-works of the project are to work simultaneously on the Project site, there must be full co-operation between different contractors to ensure timely completion of the whole project smoothly. The scheduled dates for completion specified in each contract shall therefore be strictly adhered to. Each Contractor may make his own independent arrangement for water, power, housing, etc. if they so desire. On the other hand, the Contractors are at liberty to mutual agreement in this behalf and make joint arrangements with the approval of the client. No single Contractor shall take or cause to be taken any steps or action that may cause, disruption discontent, or disturbance of work, labour, or arrangements, etc. of other Contractor in the project localities. Any action by any Contractor which the client's EIC in his unquestioned discretion may consider as infringement of the above code, would be considered as a breach of the Contract conditions and shall be dealt with as such.

In case of any dispute, disagreement between the Contractors, the client's decision regarding the co-ordination, co-operation and facilities to be provided by any of the Contractors shall be final and binding on the Contractors concerned and such a decision or decision shall not vitiate any Contractor nor absolve the Contractor(s) of his/their obligation under the contract nor considered for the grant for any claim or compensation.

9 SITE OFFICE:

9.1 The Contractor shall at his own expense maintain sufficient experienced Engineers and supervisory staff etc. required for the work and shall make his own arrangement, provide portable container as a site office for them with all necessary arrangements, including fire preventing measures, etc.

10 SUPERVISION AND INSPECTION OF WORKS AND QUALITY CONTROL:

10.1 SUPERVISION:

The Contractor shall either himself supervise the execution of the works or shall appoint the competent Engineers and Supervisors approved by the Client /Architect, to act on his behalf. If in the opinion of the Client / Architect, the Contractor has himself no sufficient knowledge and experience of receiving instructions or cannot give his full attention to the works, the Contractor shall at his own expenses employ as his accredited agent a qualified Engineer approved by the Architect.

Contractors should appoint a Qualified Engineer related to steam as a Main In charge having more than 10 years of experience for each site. Under this main Engineer, minimum 3 Sub-Engineers of minimum 5-year experience should be working under him for each site. Also, a minimum of 5 to 6 Supervisors should be working below these Sub-Engineers.

Orders given to the Contractor's agent shall be considered to have force as if these had been given to the Contractor himself. If the Contractor fails to appoint suitable agent as directed by the client, the client shall have full power to suspend the execution of the work until such date a suitable agent is appointed and the Contractor shall be responsible for the delay so caused to the works and the Contractor shall not be entitled for any compensation on this behalf.

10.2 INSPECTION:

The Contractor shall inform the client in writing when any portion of the work is ready for inspection giving him sufficient notice to enable him to inspect the same without affecting the further progress of the work. The work shall not be considered to have been completed in accordance with the terms of the contract until the client shall have certified in writing to that effect. Approval of materials or workmanship or approval of part of the work during

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the progress of execution shall not bind the client or in any way affect him even to reject the work which is alleged to be completed and to suspend the issue of his certificate of completion until such alternation and modifications or reconstruction have been effected at the cost of the Contractor as shall enable him to certify that the work has been completed to his satisfaction.

The Contractor shall provide at his cost the necessary ladders and such arrangements as to provide necessary facilities and assistance for proper inspection of all parts of the work at his own cost.

11 INITIAL MEASUREMENTS FOR RECORD:

Where, for proper measurement of the work, it is necessary to have an initial set of levels or other measurements taken, the same as recorded in the authorized field book or measurement book. by the Engineer or his authorized representative will be signed by the Contractor who will be entitled to have a true copy of the same made at his cost. Any failure on the part of the Contractor to reach such levels. etc. recorded before starting the work will render him liable to accept the decision of the Engineer /Architect as to the basis of taking measurement. Likewise, the Contractor will not cover any work which will render its subsequent measurements difficult or impossible without first getting the same jointly measured by himself and the authorized representative of the client. The record of such measurements on the Client side will be signed by the Contractor and he will be entitled to have a true copy of the same made at his cost.

12 SAMPLES AND TESTING OF MATERIALS:

12.1 All materials to be used on work shall be got approved in advance from the Client Engineer/ Architect and shall pass the test and/or analysis required by him which will be:

- a) As specified in the specification for the items concerned and/or
- b) I.S.I Specification (whichever and wherever applicable) or
- c) Such recognized specifications acceptable to Engineer-In-charge as equivalent there to or in absence of such authorized specification.
- d) Such requirement test and/or analysis as may be specified by the client in order of precedence given above.

12.2 The Contractor shall at his risk and cost make all arrangements and/or shall provide for all such facilities as the client may require collecting, preparing required number of samples for tests or for analysis at such time and to such place as may be directed by the client and bear all charges and cost of testing. Such samples shall also be deposited with the client.

12.3 The Contractor shall if & when and if required, submit at his cost the samples of material to be tested and analyzed and if, so directed, shall not make use of or incorporate in the work any material represented by the samples until the required tests or analysis have been made and the materials, finally accepted by the client.

12.4 The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of the materials.

12.5 The Contractor or his authorized representative will be allowed to remain present in the departmental laboratory while testing sample furnished by him. However, the results of all the tests carried out in the departmental laboratory in the presence or absence of the Contractor or his authorized representative will be binding on the Contractor.

12.6 The Contractor shall at his own cost set up a laboratory to carry out the routine tests of materials which are to be used in the work. The tests will have to be carried out either in his field laboratory or in an approved laboratory. In case tests are carried out in field laboratory, at least 50% tests should be carried out nearest quality control laboratory.

13 HANDING OVER OF WORK:

All the work and materials before finally taken over by the client., will be entire liability of the Contractor for guarding, maintaining, and making good any damages of any magnitude. Interim payments made for such work will not alter this position. The handling over by the Contractor and taking over by the client will be always in writing of which copies will go to the client or his authorized representative and the Contractor, it is, however understood that

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before taking over such work the Council will not out it into regular use as distinct from causal or incidental one, except as specifically mentioned elsewhere in this contract, or as mutually agreed to.

14 CLAIMS:

Bills for extra work or for any claim shall be paid separately apart from the interim bills for the main work. The payment of bills for the main work shall not be withheld for want of decision on the extras or claims not covered in the appendices.

Claims for extra work shall be registered within 30 days of occurrence of the event. However, bills for these claims including supporting data/details may be submitted subsequently.

Contractor should submit the detailed breakup of the extra items in the form of Labour + Material + transportation and Profit (10 %). This is to be submitted to the Engineer in Charge and Purchase Coordinator.

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ANNEXURE V

Commercial Terms and Conditions

- 1) **Job Controller:** Mr. .Rajesh Deshpande (K1 Site) Mr.Rahul vaidya (K8 Site) or any other person appointed by the Company at our plant locations, from time to time, shall be the job controller.
- 2) The Vendor / Contractor shall be responsible for providing the requisite and professional manpower for mentioned Subject Works.
- 3) The employees provided by the Vendor / Contractor should be employees of the Vendor / Contractor and all / any dispute/s between the Vendor / Contractor and the staff shall be resolved by the Vendor / Contractor and shall have no bearing on MAL. The Vendor / Contractor should indemnify any claim, title in debt, cost, damage, compensation in respect of its employees posted on MAL premises.
- 4) **Mobilization:** Within 15 days from the date of receipt of PO/ email confirmation the contractor shall mobilize men and materials.
- 5) **Taxes and Duties:** Taxes will be paid by MAL as per government notifications.
- 6) **Security Deposit:** - 10% of yearly basic order value will be retained by MAL or equal amount of Bank Guarantee drawn on nationalized bank or reputed private bank to be submitted by the Contractor/Tenderer or will be deducted from Tenderers From first 6 Monthly Bills from against this contract and NO INTEREST will be payable by MAL on the said this amount and it will be refunded to you only after expiry of the contract and warrantee period. subject to deduction if any.
- 7) **Invoicing & Payment:** The Vendor / Contractor shall submit on or before the expiry of the 1st week of the following month proforma running bill of the last month in the format provided by MAL, in triplicate, to the Job Coordinator giving abstract and attached with detailed, duly signed, joint measurement or joint report sheet for the various items of work executed during the month. The Vendor / Contractor shall prepare final running account bill based on the certified measurements and summary sheets and submit the same along with the enclosures mentioned herein to the person designated by the owner. Invoice shall be submitted exactly as per the original work order in line with the line items with actual quantity executed. Additional quantity (other than W/O) shall be claimed only after the issue of amendment to the work order.
Also, where the rates are not available, but the jobs are executed as per the instructions of Job coordinator, Vendor / Contractor shall submit the invoice only after the issue of amendment to original Work order. Accordingly, payment shall be released in two phases i.e. Based on original WO & based on amendment to original WO.
The Job coordinator shall ensure payment after 45 days from the date of receipt of final running account bill provided the same is complete in all respects & duly certified by the engineer- in - charge/ Job Coordinator.
The vendor / contractor should produce each monthly bill along with measurement sheets.
The applicable TDS shall be deducted as per the existing provisions of the law in force.
The number of payments to be made to the Vendor / Contractor shall be restricted to one in each month.
The payment shall be released by RTGS or NEFT with nominal charges per transaction, if imposed by the bank. *The Vendor / Contractor should provide* requisite details of their bank, Account No. Branch code, etc.
- 8) **Insurances:** Vendor / Contractor shall obtain and keep valid, at all times adequate insurance cover for its personnel, material and equipment, against all losses and liabilities whether at common law or under any

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statute relating to workers Compensation or Employer's Liability in the jurisdiction in which the Services are performed, from any accident or injury to any person employed by it in connection with the Services. The vendor / contractor shall ensure that any of their staff employed to complete the given scope of works, are similarly insured in respect of their employees including claim against third party liability.

9) **Validity:** **This contract is valid for a period of Three (3) years.** This final price will be valid till the job completion w.e.f. the date of the purchase order (renewable after every year subject to satisfactory performance). Further extension of the contract by a suitable period will be at the discretion of MAL. During the contract period either party can terminate the contract by giving 3 months' notice to the other party. However, in case of unsatisfactory performance or breach of contract terms on the part of the Vendor / Contractor, MAL reserves the right to terminate the contract forthwith. **MAL shall also have right to extend the Contract at its own discretion. During the contractual period, the unit rates should remain unchanged throughout the contract term. During the validity period of the Contract, there shall be no revision of the compensation payable to the Vendor / Contractor.** The Vendor / Contractor shall ensure payment of minimum wages in force and as prescribed by the competent authorities from time to time. The Vendor / Contractor is required to maintain all documents and records as required under the statutory laws and rules in force from time to time. The rate of different activities of mentioned Subject Works once finalized through MAL ERP System (SAP or IVALUA), will be applicable for any similar scope of works in either(K1 or K8) of plant.

10) **Notices:** Any notice required to be given by either party shall be validly given if it is in writing and sent at the abovementioned address in case of MAL and to contractor as provided in the bid document.

11) In the event of a contract not being considered for extension, MAL reserve the right to extend the expiry date by not more than 3 months for smooth handover. There should not be any breach of any rules and / or regulations or any violation of the terms and conditions during the tenure of contract. In case any breach / violation / misconduct observed, then MAL will impose appropriate penalty on the Vendor / Contractor. The same will be deducted from the monthly bills of the Vendor / Contractor. This will culminate in the cancellation of the complete purchase / work order without any further notice, which will be at the risk and cost of the Vendor / Contractor. Any loss and / or damage to the Plant and / or machinery or any property belonging to MAL or its Vendor / Contractor due to the negligence / mistake on part of any manpower employed by the Vendor / Contractor will be dealt with seriously and will culminate in recovering from Contractor's monthly bills. It will be the sole discretion of MAL to decide on a penalty for any misconduct / negligence / violation / breach of the terms, conditions, statutory rules, safety rules as mentioned in the tender / purchase / work order.

12) **Bill submission:** The billing period applicable for running A/c bills in respect of this contract is every calendar month. The bills shall be submitted to with respective Unit addresses (Wherever work is carried out)–

- MAL Unit- Plot K-1 , Taloja MIDC Industrial Area, Raigad, Maharashtra, India-410208
- MAL Unit- Plot K-8 , Taloja MIDC Industrial Area, Raigad, Maharashtra, India-410208

The first RA bill shall be released only on submission of a copy of labour license duly attested by MAL administration in the prescribed format. If a labour license is not applicable, the contractor shall obtain confirmation to this effect from MAL administration.

Please mention vendor code no., PAN no., GST No., HSN / SAC Code and WO no. on invoice/ bills.

Joint measurement sheet (IMS) to be submitted by contractor within 7 days of completion of job or within 7 days of end of the month for previous month job.

The participating company's declaration:

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I/We confirm having accepted all the terms as mentioned above.

(Company name, seal and signature of authorized person with Designation)

13) Correspondence:

For any payment/TDS certificate/Security Deposit, guarantee money refund/ Accounts related matters, please make correspondence with the accounts department at MAL Taloja.

Contractor to comply with all statutory obligations prevalent and applicable as per law. For further guideline on statutory related matters, contact personal department at respective MAL Taloja

For any job-related instruction and guidelines, working, turn up of workmen, tools & tackles, contact - engineer-in-charge / representative of plant.

For all matters related to entry/movement of persons, material, and vehicle within complex, contact the security department at respective MAL Taloja unit.

Penalty for late submission of bill:

Submission of the bill by the contractor to the concerned dept. For verification and certification of the jobs carried out by him/ them for payment shall be considered as a part of the work. In case bill is not submitted within 14 days' time from the date of completion of work mentioned in work order or issue of work order (for post facto cases) or amendment to work order whichever is later. Penalty at the rate of 1% per week of the invoice value maximum to 5% of the value of invoice shall be levied from contractor's bill. No compromise shall be granted in this regard. Date of bill scrolling shall be the reference date as zero date.

The invoice should be attached to a joint measurement sheet, failing to so, the invoice will not be processed by the finance department.

- 14) The Vendor / Contractor shall be responsible for providing the requisite number of staff for completing the mentioned Subject Works.
- 15) The Vendor / Contractor and its persons employed by him at MAL have no camping right whatsoever in the company's premises.
- 16) The members of the staff provided by the Vendor / Contractor should be employees of the Vendor / Contractor and all disputes between the Vendor / Contractor and the hiring Equipment staff shall be resolved by the Vendor / Contractor and shall have no bearing on MAL. The Vendor / Contractor should indemnify any claim, title in debt, cost, damage, compensation in respect of its employees posted on MAL premises.
- 17) **Liquidated Damages:** Liquidity damages of 1% per day of the monthly service charges shall be levied, subject to a maximum of 10% of contract for any breach of contractual obligations by the Vendor / Contractor as stipulated in the terms and conditions in addition to the obligation under any other provisions in the contract and the Law of the land.
- 18) **Force Majeure condition:** The term force Majeure as employed herein shall mean acts of God, War, Revolt, Terrorist Act, Accident, Fire, Flood and Acts and Regulations of respective Governments of the two parties. Upon occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby shall notify the other party in writing within 72 hours, the full particulars and satisfactory evidence supporting his claim. Time for purpose of the relative obligations suspended by the force majeure shall then stand extended by the period of delay, which is directly caused by force majeure event.

The participating company's declaration:

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I/We confirm having accepted all the terms as mentioned above.

(Company name, seal and signature of authorized person with Designation)

19) Jurisdiction:

The Court at Panvel, Maharashtra shall have exclusive Jurisdiction to deal with and decide any legal matter whatsoever arising out of this Tender/ Purchase order or any agreement entered between the Tenderer/ Supplier and Company.

20) Arbitration:

Any dispute, difference, claim or question of interpretation of any nature arising between the parties with regard to this Tender/ Purchase Order/ Work Order/ Agreement regarding the meaning, respective rights, claims, liabilities and obligations under this Tender/ Purchase Order/ Work Order/ Agreement, including any question regarding its existence, validity or termination which is not resolved by amicable settlement shall be settled by arbitration by a sole Arbitrator appointed mutually by both the parties in accordance with the Arbitration and Conciliation Act, 1996 or any enactment or amendment thereof or through online arbitration. Award passed shall be final and binding on both the parties. The venue of such arbitration proceedings shall be at Mumbai (India) and for interim relief under the Act, courts at Panvel shall have the exclusive jurisdiction over this Agreement.

21) Termination:

A. The Contract/ Tender can be terminated by either party i.e. MAL or the Contractor/Tenderer/ Tenderer, after giving three (3) months' notice to the other party. However, MAL reserves the right to terminate the contract without giving any notice in case of the Contractor/Tenderer fails to commence the work or commits breach of any of the terms of the contract. MAL's decision in such a situation shall be final and binding on the Contractor/ Tenderer without any objection or resistance.

B. On termination of the contract, the Contractor/ Tenderer will hand over all the equipment's/ furniture/ article etc. supplied by MAL (if any) in good working condition back to MAL except normal wear and tear.

C. If the successful bidder/ Contractor withdraws or the services provided by the successful bidder are not found satisfactory (say in a month or so) during the probationary period of three months from the date of taking over charge /Job contract, MAL reserves the right to terminate the contract with 15 days' notice to improve the services, if the Contractor/Tenderer fails to do so within 15 days then without giving any notice initiate appropriate necessary action in the matter for making alternate arrangements and immediately terminate the contract. The Contractor/Tenderer shall continue till such a time MAL finds an alternative arrangement.

In case it is found that any information furnished by the Tenderer/ Contractor/ Supplier is false or incorrect, the Company at its sole discretion may terminate the Contract/ Order without giving any notice. The Company shall reserve its right to seek appropriate damages from the Tenderer/ Contractor/ Supplier. Any loss incurred by the Company in this respect will be on Suppliers/ Tenderer's account.

22) The rates quoted by the suppliers shall remain firm till the completion of the contract period and also during extended period if any. No escalation on any other ground shall be allowed.

The participating company's declaration:

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I/We confirm having accepted all the terms as mentioned above.

(Company name, seal and signature of authorized person with Designation)

(On Contractor/Tenderer's letterhead)

DETAILS OF BLACKLISTING / DISQUALIFICATION / FORFEITURE OF B.G. / S.D.

- 1) Whether your Firm/Company is blacklisted by DFPCL/ MAL or any other Public Sector / Govt. / Quasi-Govt Organization / any other client: **Yes / No.**

If yes, please mention details.

- 2) Whether your Contract was terminated before expiry of Contract period or Security Deposit / E.M.D forfeited by our Company or any other Public Sector/ Govt./ Quasi Govt Organization / Any other client: **Yes / No.**

If yes, please mention details.

- 3) Whether Proprietor / Partner / Director (as applicable) has been prosecuted by any judicial court for any criminal breach of trust: **Yes / No.**

If yes, please mention details.

(Signature of the Contractor/Tenderer & Seal)

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***The participating company's declaration:
I/We confirm having accepted all the terms as mentioned above.***

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(Company name, seal and signature of authorized person with Designation)

(On Contractor/Tenderer's letterhead)
INFRASTRUCTURE / RESOURCES:

1) Total number of resources employed: _____

2) No. of branch offices: _____ (details of address, Telephone No. Fax No. etc.)

3) No. of FMS Contracts engaged in Mumbai with Avg value of Contract:

(Signature of the Contractor/Tenderer & Seal)

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***The participating company's declaration:
I/We confirm having accepted all the terms as mentioned above.***

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(Company name, seal and signature of authorized person with Designation)

(On Contractor/Tenderer's letterhead)

GENERAL INFORMATION

- 1) Name & address of the Tenderers Firm / Company: _____
- 2) Office Telephone No.: _____
- 3) Office Fax No.: _____
- 4) Year of Establishment: _____
- 5) Constitution of the Firm: Proprietorship/Partnership/Pvt. Ltd./ Pub Ltd. Co./Co-operative
- 6) Name, Address of Partner / Directors: _____
- 7) Name of contact person: _____
- 8) Telephone no. of contact person: Office _____
- 9) Residence _____
- 10) Mobile _____
- 11) Name & Designation of Authorized Signatory: _____
- 12) Details of sister concerns
 - a) Name & Address:
 - b) Activities engaged in by Sister Concern:
 - c) Names, Addresses & Telephone Nos. of Proprietors/Directors/Partners of Sister concerns.

(Signature of the Contractor/Tenderer & Seal)

***The participating company's declaration:
I/We confirm having accepted all the terms as mentioned above.***

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(Company name, seal and signature of authorized person with Designation)