

SAIL::ROURKELA STEEL PLANT :: ROURKELA  
OFFICE OF THE DY.GENERAL MANAGER (CIVIL) TE

Ref.No. CC (TE)/9061/7537

Date : 12/12/2009

Tender Notice No: RSP/CC (TE)/CIVIL/OT/63/09-10

Name of the Work: **Rate Contract for Civil Engg. Works in Steel Township during 2009-10-11.**

Sealed tenders in 3 (three) parts (Part"A", Part"B" & Part"C") are hereby invited for the above-mentioned work to be executed in Rourkela under **Town Engg.** Department of SAIL, Rourkela Steel Plant.

1. Eligibility criteria: The tenderer must possess

- (a) Valid contract registration of current "**C**" class or above of category "**Civil Work**" in RSP or equivalent of Govt/any other PSU/ Govt. Autonomous bodies to take up similar work of value more than Rs.5=00 lakhs.
- (b) Valid Value Added Tax clearance from local Sales Tax Authority in Form No.612.
- (c) Permanent Account Number (PAN) card issued by Income Tax Department
- (d) Service tax registration certificate.
- (e) ESI registration.
- (f) EPF registration with RPFC /OR/ EPF sub-code from RSP along with proof application to RPFC for getting independent business number.

The attested copies of all such required documents are to be sent along with the Part -"B" of the Tender.

2. NUMBER OF CONTRACTORS TO BE AWARDED WITH THIS WORK: **More than one**

3. Cost of Tender Set:

- (a) **Nil** for tender document downloaded from our website <https://www.sailtenders.co.in>.

- (b) The tender set can also be purchased from Contract Cell, Town Engg. at a cost of **Rs.208=00 (Rupees two hundred eight only)** inclusive of VAT by applying at least 3 days before last date & time of tender submission along with cost of tender at Contract Cell, Town Engineering Department, RSP, Sector-5, Rourkela-769002. The cost of tender set must be deposited, either in the form of Demand Draft/Pay order/Bankers Cheque from any scheduled commercial bank, except Co-operative & Grameen Bank, in favour of "SAIL, ROURKELA STEEL PLANT" or in RSP's Cash Section. Cost of tender set is non-refundable. Timely collection of tender set shall be the responsibility of the applicant.

4. EARNEST MONEY DEPOSIT (FIXED): **Rs.15,000=00 (Rupees Fifteen thousand only)**

5. LAST DATE & TIME OF RECEIPT OF FILLED UP TENDERS WITH OTHER REQUISITES : **04/01/10** upto 4:00 PM.

6. DATE & TIME OF OPENING OF PART-"A" & "B" (TECHNO-COMMERCIAL BIDS) OF TENDERS: On **05/01/10** from 10:00 AM onwards.

7. For other details refer full tender document available in our website <https://www.sailtenders.co.in>.  
( **Unit:** Rourkela Steel Plant; **Category:** Contracts)

8. SAIL/Rourkela Steel Plant reserves the right to reject any or all of the applications for Tender sets, Tender Bids or cancel the Tender without assigning any reason whatsoever.

AGM (Contract Cell)  
Town Engineering, RSP

Office of the Dy. General Manager (CIVIL) TE

Tender Notice No: RSP/CC (TE)/**CIVIL/OT/63/09-10**

Part-"B" (Techno-Commercial Bid)

1. Name of the Work : Rate Contract for Civil Engg. Works in Steel Township during 2009-10-11.
  
2. Name & Address of tenderer : M/s. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
3. Last date of receipt of Tender : **04/01/2010**  
upto 4:00 PM  
(Through Indian Postal  
Service/Courier Service)
  
4. Date & Time of opening of : **05/01/2010**  
Part "A" & Part "B" from 10:00 AM onwards  
(Techno-commercial Bids)
  
5. Details of EMD Submitted : \_\_\_\_\_  
in Part "A" \_\_\_\_\_  
(NO FIXED DEPOSIT SCHEME  
SHALL BE ENTERTAINED) \_\_\_\_\_
  
6. Period of execution : 6 (six) months
  
7. Number of Contractors to : **More than one**  
be awarded

Signature of the Tenderer with Seal

AGM (Contract Cell)

## INSTRUCTIONS TO THE TENDERER

Tender Notice No: RSP/CC (TE)/CIVIL/OT/62/09-10

Name of the Work : Rate Contract for Civil Engg. Works in Steel Township during 2009-10-11.

Tenders must be submitted in **3 (Three) parts**, Part-"A" for EMD, and Part-"B" for Techno-Commercial Bid & Part-"C" for Price Bid.

(1) **Part-"A" ( Earnest Money)** to be submitted in a sealed cover marked " Earnest Money" or "EMD". This part should contain the following :

- (a) Earnest Money Deposit (Fixed) of **Rs.15,000=00 (Rupees Fifteen thousand only)** in the form of Demand Draft/Banker's Cheque /Pay Order from any scheduled commercial bank, except Co-operative & Grameen Bank in favour of "SAIL, Rourkela Steel Plant" with a minimum validity period of 2 months on the scheduled opening date. In the event of submission of EMD in payment instrument with validity less than 2 months on the scheduled opening date, the same shall be accepted if it has validity of one week or more on the actual date of opening of tender, otherwise the same shall not be accepted and the tender shall be considered as without EMD & rejected outright.
- (b) In case of EMD submitted in payment instrument issued by a Co-operative or a Grameen Bank the same shall not be accepted and the tender shall be considered as without EMD & rejected outright.
- (c) **Exemption of EMD:**
  - (i) SSI Units and Public Sector Units/ Govt Undertakings and Co-operative societies etc shall be exempted from submission of Earnest Money (EM) as per Govt. policy. For SSI units, the exemption from submission of EM is to be granted only for the items for which it is registered. **The SSI unit is required to submit in Part "A" a notarized copy of the registration certificate indicating clearly the item for which they are registered and the validity of the same.**
  - (ii) **Firms having valid regular registration with RSP as contractor shall also be exempted from submission of EMD. For firms registered with RSP, an attested copy of valid RSP registration certificate shall be submitted in part 'A'.**
- (d) The Part-"A" of the tender not containing EMD in proper form or **document for claiming exemption as above, will be rejected out right.** Part-"B" & Part-"C" of their tender offer will not be opened.

(2) **Part-"B" (Techno-commercial part)** to be submitted in a sealed cover marked "Techno-commercial Bid" should contain the following:

- (a) Attested legible copy Valid contract registration of current "C" class or above of category "Civil Work" in RSP or equivalent of Govt/any other PSU/ Govt. Autonomous bodies to take up similar work of value more than Rs.5=00 lakhs.
- (b) Attested legible copy of valid Value Added Tax clearance from local Sales Tax Authority in Form No.612.
- (c) Attested legible copy of Permanent Account Number (PAN) card issued by Income Tax Department
- (d) Attested legible copy of Service tax registration certificate.
- (e) Attested legible copy of ESI registration.
- (f) Attested legible copy of EPF registration with RPFC **/OR/** Attested legible copy of EPF sub-getting independent business number. code from RSP along with proof application to RPFC for
- (g) All the Terms & Conditions of the Tender (except the Price Schedule) duly signed and stamped (on all pages) by the authorised signatory of the tenderer.

Signature of the Tenderer with Seal

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AGM(Contract Cell)

If required, tenderer shall submit original certificates on demand which will be returned after due verification. If any of the above document (s) submitted by the tenderer is ( are) found to be incorrect during the process of tendering /or/ afterwards, then their Tender/ Work Order shall be cancelled, Earnest Money Deposit/ Security Deposit shall be forfeited and action deemed fit shall be taken against the party as per the rules & regulations of the company. In absence of the above required documents, the tender shall be liable for disqualification. RSP reserves the right to disqualify any tenderer on the basis of past poor performance.

(3) **Part-"C" (Price Bid)** to be submitted in a sealed cover marked "**Price Bid**". The tenderers should quote their rates by filling the appropriate column in the Price Schedule of the tender document. All the pages should be signed by the authorised signatory of the tenderer and stamped. For proper filling of the Price Schedule please refer to the instruction given their-in.

All the sealed covers of Part-'A', Part"B" & Part-"C" should be **enclosed in a single cover** which should be clearly **super-scribed with the name of the work and the Tender Notice No.** and sent through Indian Postal Service/ Courier Service to reach office of any of the following latest by **04/01/10 upto 4:00 PM.**

**(i) AGM (Contract Cell), Town Engg Deptt. Building, Rourkela Steel Plant, Sector-5, Rourkela - 769002. /or/ ( ii) AGM(PI) CLC, Hotstrip Mill Building, RSP. /or/ (iii) Sr.Manager (Admn), General Admn., RSP, Rourkela.**

Tenders not submitted in the manner prescribed above, shall not be accepted. Any delay caused on account of Postal transit/loss/damage/non- receipt of tender documents in time shall not be considered.

4. (a) Date & Time of Opening of Part-"A"& "B" of Tenders (Techno-commercial Bid): **On 05/01/10 from 10:00 AM** onwards in the office of AGM (Contract Cell),Town Engg,Rourkela-2. In case of amendment to the schedule of tender submission / opening, the amended date and time shall be applicable.

(b) Part-"C" (Price Bid) of the Tenderers found acceptable on scrutiny of Part- "A" & "B" (Techno-Commercial Bids), shall be opened at a later date which shall be intimated through general notice displayed in the office of AGM (Contract Cell), Town Engg.

5. Opening of the Bids shall be conducted as per the schedule (or amended schedule) in the presence of the bidders who may like to be present or send their authorized representatives with authorization letter signed by the same person who signs the Tender documents.

6. a) It shall be the responsibility of the persons submitting the tender to ensure that the tenders have been submitted in the formats and as per the terms and conditions prescribed in the SAIL Website and no change is made therein before submission of their tender. In the event of any doubt regarding the terms and conditions/formats, the person concerned may seek clarifications from the authorized officer of SAIL. In case any tampering/ unauthorized alteration is noticed in the tender submitted, from the Tender Document available on the SAIL Website, the said tender shall be summarily rejected and the company shall have no liability whatsoever on the matter. However, deviation if any proposed by the tenderer may be separately indicated for acceptance or other wise of SAIL. Such proposed deviation will not be treated as tampering for the purpose of application of this clause.

b) In case of any tampering/ unauthorized alterations made in tender document go un-noticed, the terms & conditions of the tender as displayed in SAIL website shall be applicable & binding on the tenderer.

7. The tenderers should go through the full tender set consisting of Notice Inviting Tender, Instructions tenderer, General Terms & Conditions of the Contract, Special terms & conditions/scope of work, etc., which are binding to the tenderers. Conditional tender will not be accepted. Based on all the above the Tenderers should quote for the items given in the Price Bids. The tenderers must sign all the pages of the original Tender Sets along with the Certification by the Tenderer with seal at appropriate places provided in each page.

8. Firms banned/ black listed for business dealings by any organisation are not eligible to participate in the tender. Participation in the tender by suppression of this fact will invite penal action as per rules & regulations of RSP, whenever detected.
9. The tenderer shall declare, if the Proprietor/ Partner/ Director of the firm has any relation with any employee working in the Plants/ Units concerned or Director of SAIL including its subsidiaries giving the details & the relationship.
10. The tenderers are required to send their tender as per the instruction given with the tender sets. The tenderers may seek any clarifications in writing at least 72 hours before closing time of tender submission. Otherwise it will be presumed that the tenderer is clear about all clauses in the tender conditions.
11. By submitting a tender for the work, a Tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work, that the rates quoted by him in the tender will be adequate to complete such work according to the specifications and conditions attached there to and he has taken into account all conditions and difficulties that may be encountered during its progress and to have quoted labour and material rates, which shall include cost of materials, Labour, equipment, tools & tackles, all taxes, duties, cess as applicable (however excluding VAT and Service tax which will be paid separately as per prevailing rates), lead, lift loading and unloading freight for materials and all other charges necessary for the completion of the work, to the entire satisfaction of the Engineer. The contractor shall follow all the provisions of prevailing Acts, rules framed by the appropriate Government, statutory norms etc. including the Acts "The Building and other Construction Worker's (Regulation of Employment and conditions of Service) Act 1996" and "The Building and other Construction Workers' Welfare Cess Act, 1996".
12. Canvassing in any form is strictly prohibited and the tenders submitted by the Tenderers who resort to canvassing will be liable for rejection.
13. The full tender set consisting of Invitation to Tender, Instructions to Tenderer, General Terms & Conditions of Contract, Special Terms & Conditions of Contract/ scope of work etc. and the rates and amount quoted in the Price-schedule together with Letter of Acceptance / Work Order awarding the work shall form the contract. No separate agreement will be signed for this work.
14. If there is any conflict between any of the provisions in the special terms & conditions or in any of the other documents referred, the provisions in the Special Terms & Conditions shall prevail. Similarly if there be any difference between the description in the specifications and drawings and the works items in the Price-Schedule, the works items in the Price-Schedule shall prevail.
15. The rates quoted shall be inclusive of all the required taxes (excluding Service tax & VAT), cost of materials, Royalty, Labour payments like wages including all statutory benefits, ESI, EPF, cess as applicable on works contract, Safety, Tools & Tackles over heads etc. unless otherwise specified. The rates quoted shall remain fixed during the contract period unless otherwise specified.
16. Value Added Tax at applicable rate on 'supply' component and service tax at applicable rate on 'labour service & like charges' component shall be paid extra as applicable. % of 'supply component' /&/or/ 'labour, service & like charges component' given in the 'price schedule' are indicative only.
17. (a) The order shall be placed on **more than one party** for all item(s) on over all **L-1** basis.
- (b) Quoted rates shall be assessed on landed cost basis after loading all cost including payable taxes.
- (c) RSP also reserves the right to drop any item of work for placement of order.
18. Tenderers are required to quote their rates in English both in figures and words.
19. In case of mismatch of quoted rates indicated in words and figures, the lower of the two shall be considered for evaluation of the tender. In case a tenderer has not quoted any thing at the designated place in the last page of the price schedule, then their offer will be treated as invalid. In case a tenderer has quoted properly at the designated place in the last page of the price schedule, but some pages/part of the price schedule are missing then their quotation shall deemed to be applicable to the entire price schedule.

## 20.0 EARNEST MONEY DEPOSIT

20.1 Any sum of money due from the Plant on account of pending bills or Security Deposit or Earnest Money paid against another tender shall not be adjusted against the EMD.

20.2 In case of the successful Tenderer, Earnest Money shall be adjusted against the Security Deposit.

20.3 Subject to adjustment of dues, if any, the EMD will be refunded to the unsuccessful Tenderers within 30 (Thirty) days from the date of finalisation of the tender or cancellation of the tender (as the case may be). No interest will be payable on the EMD.

20.4 (a) **If the tenderer resiles from the offer or vary the terms & condition/rates after submission of tender , unless specifically asked for by RSP , the tender shall be treated as invalid and the EMD (if any) shall be forfeited. Such tenderers shall not be allowed to participate in any future tender for a period of one year.**

(b) However, in case of extension of tender submission date, revised 'price bid' if submitted within extended date & time, it shall be accepted.

20.5 The EMD shall also be liable to forfeiture in case of failure on the part of the successful tenderer to complete all commercial formalities within the specified time given by RSP. Such party shall not be considered in retendering if order is not finalized from the present tender.

21. **Payment terms :** As per actual completion certificate issued by the executing department.

- a) If the job duration is more than 90 days, party shall be allowed to raise 1st R/A bill after 30 days of commencement of job and subsequently R/A bill shall be allowed to be raised only 30 days thereafter.
- b) If the job duration is 90 days or less, total number of bills including Final Bill, shall not exceed 4 (Four)
- c) R/A bill may be admitted up to 90% of the Work Order/A/T values and shall be paid as follows:
  - i) 1st R/A bill :-100% of the executed value as certified by the deptt.
  - ii) 2<sup>nd</sup>/subsequent R/A bills:-100% of the executed value as certified by the deptt with CLC Clearance in original in respect of preceding R/A bill, complying deposit of ESI and EPF dues by the Contractors (where contract labour are engaged).
- d) Final bill:- Balance executed value as certified by the Deptt. with CLC clearance in original, for the total executed value (where contract labour are engaged)
- e) Where R/A bill is not applicable. 100% of executed value shall be released against final bill certified by the Deptt., with CLC Clearance in original where contract labour are engaged.
- f) Final Bill shall be submitted by the contractor within 6 months from the date of expiry of the contract. No claim of the party shall be entertained after one year from the expiry of the contract.
- g) All the payments shall be subject to statutory deductions, recoveries as per contract such as Security deposit etc.
- h) 10% of the executed value shall be deducted after adjusting EMD, if any, as Security deposit from Running Account Bill/Final Bill.
- i) 90% of SD shall be released against payment copy of ICLC clearance certificate after guarantee period and balance 10% shall be released against payment copy of ICLC clearance certificate based on final assessment of ESI/EPF authorities.

## 22.0 PRICE NEGOTIATION

22.1 Order on one or more than one parties will be placed on the basis of L-1 quotation and, if required, negotiations will be held with L-1 Tenderer(s) only. However, all the tenderers may be required to explain/justify the basis of their quoted price as and when asked for. In case, any tenderer fails to justify his quoted price or refuses to co-operate in this regard, they will not be considered for participating in the retendering if order/contract is not finalised from the present tender.

22.2 If a tenderer quotes unworkable rates and is considered for placement of order, the party will be asked to justify the rate quoted and will have to give Performance Guarantee Bond (in addition to the Security Deposits) in the form of Bank Draft/Bank Guarantee. The amount of Performance Guarantee Bond will be decided by SAIL, ROURKELA STEEL PLANT at the time of placement of order. Earnest Money of the tenderers who refuse to give Performance Guarantee Bond will be forfeited and they will not be considered in retendering, if order/contract is not finalised from the present tender.

### 23.0 DISTRIBUTION OF ORDER:

23.1 To engage more than one parties, the distribution of the orders will be in the descending order as per the price ranking of the tenderers, i.e. L-1 tenderer will get the highest share and the last ranked tenderer within which the total order is to be distributed, will get the smallest share.

23.2 In case more than one party become L-1, all such parties may be asked to submit revised bid. If still rate received are same, rankings amongst such parties can be decided by draw of lots to select L-1 and distribution of order shall also be as per such ranking.

23.3 The number of parties on whom the order is to be placed would be decided as per requirement of the department. In order to restrict the number, parties may be selected through draw of lots for same ranking tenderers.

24. RSP reserves the right to reduce the contract value or alter the validity period of the contract or foreclose the contract.

25. If selected & job is awarded; it shall be the responsibility of the tenderer to intimate in writing to the officer/engineer in-charge the full details of workmen to be engaged and also to obtain identity proof duly certified by the officer/engineer in-charge or authorized representative prior to deployment.

26. Agencies who are not registered under RPFC are required to obtain letter from Provident Fund Authority evidencing registration of the establishment under Employee Provident Fund and Miscellaneous Provision Act 1952 and submit the same to Executive I/c on or before 31/01/10 (or, any extended date decided by RSP).

27. SAIL/Rourkela Steel Plant, Rourkela reserves the right, without any obligation or liability, to accept or reject any or all of the tender offer(s) or with-hold/amend/ supersede/cancel the tender at any stage of the process at any time without assigning any reason whatsoever.

Signature of the Tenderer with Seal

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AGM(Contract Cell)

**STEEL AUTHORITY OF INDIA LIMITED**  
**ROURKELA STEEL PLANT**  
**ROURKELA**



**GENERAL TERMS AND CONDITIONS**  
**OF**  
**CONTRACT**

**TOWN ENGINEERING DEPARTMENT**

**TYPE: RC with SUB ORDER**



## 1.0 DEFINITION

In the Tender/Contract/Work Order :-

- a) "Department" means the Tender issuing Department of Rourkela Steel Plant on whose behalf tenders have been initiated for placement of Work Order/Execution of the Contract.
- b) "Tenderers" means and includes those persons or Firm, Undertaking Company who have submitted valid tender and includes their authorised representative and person who can lawfully represent the tenderer.
- c) "Terms and Conditions" means the General Terms and Conditions herein mentioned and other special terms if any otherwise prescribed or provided for.
- d) "Competent Authority" means head of the Department and any other Executive empowered under delegation of power and includes a nominee.
- e) "Contractor" means the successful Tenderer whose tender has been accepted.
- f) "Contract" means the invitation to the Tender Instruction to tenderer, General Terms and Conditions, Special Terms and Conditions , Acceptance of Tender, Tenderers Order, Contract Agreement together with amendments, modifications, addition, substitution, if any.
- g) "Contract Price" means the sum named in the Tender, subject to such additions thereto or deduction therefrom as may be made under the provisions of the Contract.
- h) "Approved" means approved in writing including subsequent written confirmation of previous verbal approval and approval means approval in writing.
- i) "Duration of Contract" means the period stipulated in the Contract or Order of such extended period if any by written communication after which the Contract shall come to an end.
- j) "Company" means Rourkela Steel Plant, Rourkela (in short Plant).

## 2.0 EXECUTION OF CONTRACT

2.1 The Contractor shall commence the execution of Contract/Work Order within the period named in the Contract and shall proceed with the same with due expedition and without delay except as may be expressly sanctioned or ordered by the Department.

2.2 Subject to any extension or requirement in the contract as to completion of work, the whole of the work/job shall be completed within time stated in the contract.

2.3 From commencement to the completion of the Contract and so long the work order is in force the Contractor shall take responsibility and in case any damage, loss or injury if caused to any person or property of Rourkela Steel Plant, the Contractor shall be liable for damage by his activity, under the Contract.

2.4 The Contractor must discharge his responsibility and duties prescribed under any law in force and shall make all such payments required under law to his employees and statutory authorities in the discharge of his liability prescribed under law, statutory regulations, notifications, rule, award, judgement etc.

Signature of the Tenderer with Seal

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SM/AGM (Contract Cell)

### 3.0 STATUTORY COMPLIANCE

3.1 The contractor shall comply in all respects, the provisions of statute, ordinance, law and the Rules, Regulations, Bye-laws which may be applicable to the contracts and shall keep the company indemnified against all penalties, liability for breach of any such Statute, Ordinance, Law, Rules, Regulations or Bye-Laws.

3.2 The contractor shall ensure payment of minimum wages including D.A. and HRA, as in force from time to time, to his workmen during the tenure of contract.

3.3 The contractor shall be responsible for the good conduct of his employees. All payments to his employees/ workers are required to be made by the Contractor at a date notified in advance and in the presence of an authorised representative of the Principal Employer who shall record in the equittance roll under his signature as a token of having witnessed the payment.

3.4 The Contractor shall maintain the records and registers in respect of workers employed by him as required under various status and /or as instructed by the company from time to time and shall produce the same for verification of statutory authorities and authorised representative of the management of RSP, on demand.

### 4.0 INDEMNITY

4.1 The Contractor shall assume the liabilities for the Company (Rourkela Steel Plant) and wholly indemnify against all cases of suits, claims, losses, damages, charges and expenses arising out of or in connection with carrying out of the work to which this contract relates, where such cases/suits or claims are brought by the members of the public, neighbouring owners or workmen employed by the Contractor on the work or by the Workmen's representative(s)

### 5.0 DECISIONS / AWARDS / RULES / CIRCULARS

5.1 The Contractors shall abide by the decisions / recommendations / awards / rules / circulars of the Courts / Wage Board / Commissions / Tribunal / RSP and shall secure implementations of the decisions / awards / recommendations / rules / circulars from time to time and maintain such records and registers as are required to be maintain under law.

### 6.0 GATE PASS

6.1 The Contractor shall obtain Gate Pass of entry/exit of the Machine/Tools with Operator inside/outside the Plant Premises/Vital installations; from CISF authority and the Competent Authority of the Department shall extend on the request of the Contractor if required. Admit/Area passes are issued to the representative of the Contractor by the DIG, CISF, Rourkela Steel Plant on the recommendation of the concerned officer. It will be the sole responsibility of the agency for the entry of the unauthorised persons in the Plant/Specified area. Any breach in the enforcement of safe custody and improper use of the Passes would entail termination of the Contract. Penalty applicable will be levied for loss/non-surrender of passes after completion of the Contract. Penalty will be recovered from the Security Deposit of the Contractor.

### 7.0 BANNING OF BUSINESS DEALINGS

7.1 If it is found during the validity of the Contract, the Contractor or his agent / servant and any other person claiming interest under him, indulges in any malpractice, activity prejudicial to the interest of the Plant or detrimental to the Plant, equipment and property, the Contract may be terminated at once and a ban on business dealings shall be imposed for a specified period.

## 8.0 BREACH OF CONTRACT

8.1 In case of breach of any term and conditions of the Contract by the Contractor, the Company reserves the right to forfeit the Security Deposit and to realise and retain the same as damages and compensation for the said breach, without prejudices to the rights of RSP to recover any further sum or damages from any sum due or which may become due to the Contractor from the Plant or otherwise and terminate the Contract forthwith.

## 9.0 RISK AND COST

9.1 The Contractor shall ensure that the work entrusted to him under the Contract is executed as stipulated in the Contract. Failure on his part to perform his obligation under the Contract will entail termination of the Contract. In such an event, the job will be executed at the risk and cost of the Contractor by alternative arrangements.

## 10.0 PAYMENT/SECURITY DEPOSIT

10.1 Payment against part bills will be processed for payment and payment will be made on the basis of bill raised, subject to adjustment.

10.2 Final Bill shall be processed for payment on production of "No Demand Certificates" from different agencies and on the certificate of the department about completion of the contract.

10.3 After expiry of the Contract and its due performance by the Contractor and on submission of a "NO DEMAND CERTIFICATE" from the concerned agencies of the Plant, the Security Deposit shall be returned to the Contractor. No claim by the Contractor for interest/depreciation of the Security Deposit shall be admissible.

10.4 As and by way of security from every progressive on account bill of the Contractor 10.0 % (Ten percent) of the value of the work executed, shall be deducted after adjusting EMD, if any, and kept as security deposit until the total of the amount so deducted plus the security (including Earnest Money) already deposited will equal the prescribed security, which is 10.0 % (Ten percent) of the value of the work.

10.5 When the security deposit reaches a limit of Rs.1.00 lakhs (Rupees One lakh), the contractor, if he so desires, may convert the amount into one of recognised forms of Government securities or a Bank Guarantee Bond of one of the Scheduled banks as approved by the Employer.

10.6 In the event of Government securities mentioned above depreciating in value the contractor shall make good such depreciation by additional deposits so as to bring the value of the security deposits to 10.0% (Ten percent) of the value of the contract aforesaid.

10.7 The security deposit shall remain at the entire disposal of the Employer as a security for the satisfactory execution and completion of the works in accordance with the conditions of the contract. The Employer shall be at liberty to deduct and appropriate from the security deposit such penalties and dues as may be payable by the contractor under the contract and the amount by which the security deposit is reduced by such appropriation will be made good by further deduction from the contractor's subsequent interim bills in the same manner as aforesaid until the Security Deposit restored to its full limit mentioned above.

10.8 On due satisfactory performance, completion of the contract in all respects and completion of guarantee period, the security deposit will be returned to the Contractor without any interest on presentation of an absolute "No Demand Certificate" from the Engineer in the prescribed form and upon return in good condition of any specifications, drawings, samples or other property belonging to the Employer which may have been issued to the Contractor.

10.9 No claim shall lie against the Employer for any depreciation in the value of any investment in which the Security deposit or any portion thereof may be invested. In the case of the bank deposit receipt the Employer shall not be responsible for any loss resulting on account of the failure of the bank. No interest shall be payable on cash deposits.

## 11.0 ILLEGAL GRATIFICATION

11.1 Any bribes, commission, gifts or advantage given, promised or offered by or on behalf of the Contractor or their partner, agent or servant or any one on their behalf to any Officer, servant representative or agent of the Plant or any person on their behalf or relation to the obtaining or to the execution of this or any other Contract with the Plant for showing or for bearing to show favour or disfavour to any person in relation to this or any other Contract as aforesaid shall subject the Contractor to cancellation of this Contract and also for payment to the Company of any loss or damage resulting from any such cancellation to the like extent.

## 12.0 RECOVERY OF DUES

12.1 Any sum of money due and payable to the plant (including refundable security deposit under this contract) may be recovered by Steel Authority of India Limited, Rourkela Steel Plant and set off against any claim of SAIL, RSP or Government or such other person including other Steel Plant under SAIL from the payment of the same money arising out of or under any other Contract/tender made by the contractor with the SAIL, RSP or Government or such other persons including other Steel Plant under SAIL.

## 13.0 TOOLS, TACKLES AND EQUIPMENT

13.1 The Contractor is required to provide tools, tackles etc and other consumables required in connection with execution of his Contract during the operation of the Contract.

13.2 If any of the materials/services as mentioned at Para 13.1 above is supplied/provided by RSP, the cost of the same will be deductible from amount payable to the Contractor unless required to be supplied free of cost as per work order.

## 14.0 SAFETY & ENVIRONMENT

14.1 The Contractor shall take all Safety precautions and necessary care in order to do the job safely and without any damage to equipment or any other property or person.

14.2 The Competent Authority of the Department awarding the Contract or the head of the Safety Engineering Department is of the opinion that the Contractor is not conforming to the Safety requirements, may direct stoppage of work and require the Contractor to remedy the defects or supply the omissions as the case may be. The Contractor shall not proceed with the work until he has complied with such directions to the satisfaction of such directives of the Department.

14.3 The Contractor shall be fully responsible for accidents caused due to his technician/Plant's negligence or carelessness in regard to the observance of Safety requirements and shall be liable to pay compensation for injuries.

14.4 The contractor shall ensure compliance with applicable environmentally significant aspects and legal requirements pertaining to the work executed. There shall be commitment to improve process, reduce pollution and preserve the surrounding environment.

14.5 In case of violation of safety provisions/ requirements by the contractor, besides stoppage of work, the contractor shall be liable for actions as stipulated below depending upon the nature of violations & the decision of the authority as to nature of violation shall be final.

- a) In case of minor violation - deduction /recovery of Rs. 3000/- (Three thousand) from his dues.
- b) In case of major violation with or without injury/disability - deduction or recovery of Rs. 10000/- (Ten thousand) from his dues.
- c) In case of major violation resulting in permanent disability/ death of any person - banning of business dealing with RSP.

## 15.0 LIQUIDATED DAMAGES

15.1 Time and date stipulated in the Contract for completion of the work shall be deemed to be the essence of the Contract. If the Contractor fails in the due performance of his Contract to fulfill his obligations in time, he shall be liable to pay liquidated damage for the period of delay, not by way of penalty, a sum at the rate of 1.0% (One percent) of the sub-order value or as decided by the Engineer-in-charge, besides damages and other consequence for such period of default per week or part there of (maximum upto 10.0% [Ten percent] of the sub-order value). If the Contractor shall neglect to execute the work with due diligence or expedition or shall refuse or neglect to comply with any reasonable orders given to him in writing in connection with the work or shall contravene the provisions of the Contract, the Department may give notice in writing to the Contractor calling upon him to make good the failure, neglect, loss or contravention within such time as may be deemed reasonable and in default of compliance with the said notice, the Department without prejudice of their right, may rescind the Contract holding the Contractor liable for the damages that the Department sustain in this behalf.

15.2 In case it is found that the Contractor is not discharging the duties as per stipulations of the the Contract, RSP shall be at liberty to terminate the Contract by giving the Contractor one month's notice in writing. All expenses and loss incurred by RSP in finding out alternative arrangement for execution of the job shall be at the cost and risk of the Contractor which shall be adjusted from any amount payable to the Contractor or can be recovered from the Contractor in any other form.

## 16.0 FORCE MAJURE

16.1 RSP shall not be liable for non-performance of the Contract either wholly or in part for delay in performance of the Contract resulting due to any cause beyond the Company's control including fire, strike, war, riots, epidemics, floods, accident etc or any other circumstances beyond the control of the Company whether directly done to or in consequence. Should the Company so determine to accept the performance which is likely to be delayed by any of the causes aforesaid and in such cases the Contractor shall have no claim upon the Company of any kind, the provision of this clause shall not be limited to or abrogated by any other items of the Contract.

## 17.0 COMPENSATION

17.1 In case of an accident or injury or damage by the Contractor's vehicle/staff to any property of the Company, the financial responsibility to compensate the Plant will be borne solely by the Contractor and this amount may at the discretion of the Competent Authority of the Plant be recovered from the Bills/Security Deposit or other deposits of the Contractor not withstanding other money available under Contract and Law.

## 18.0 ILLEGAL/ UNAUTHORISED ACTS

18.1 If any staff of the Contractor is caught in a theft case, or in unauthorised movement of materials or in any activity which is punishable under Law or not authorised by the Plant, the Contractor will bear full responsibility for the loss or other consequence which may result to the Plant due to such illegal unauthorised acts, besides the action to terminate the Contract by the Plant. The Contractor shall also be liable for any act leading to banning of business with him.

## 19.0 ARBITRATION

19.1 Notwithstanding the provision for resolution of difference and disputes through Arbitration, the parties may refer the dispute/difference to conciliator to explore possibility of an amicable settlement before resorting to Arbitration. On request of either side conciliator may be appointed in the same manner like that of Arbitrator.

19.2 In the event of any dispute or difference arising under or out of the Contract, the same shall be referred to the Arbitration of a sole Arbitrator nominated by MD RSP. Either of the party to this contract shall request M.D., RSP for appointment of Arbitrator and for making an award in terms of Arbitration Conciliation Act, 1996 (with statutory modification thereof, if any) by the said sole Arbitrator. All sitting of the Arbitration shall take place at Rourkela. Unless otherwise directed supply/sale/purchase of materials or execution of any work under the Contract shall continue if possible during Arbitration proceedings.

19.3 It is a term of this agreement that notwithstanding the manner in which the agreement has been reached, this agreement shall be deemed to have been formed entirely at Rourkela. All kinds of legal proceedings shall be cognizable and triable only in the appropriate court exercising territorial jurisdiction over Rourkela Steel Plant.

## 20.0 PLACE FOR LEGAL PROCEEDINGS

20.1 The Contract shall be deemed to have been entered into by Rourkela Steel Plant at Rourkela and all cause of action thereafter be deemed to have been arised at Rourkela irrespective of the location of Head or Branch Office of Steel Authority of India Limited or the Contractor. All kinds of legal proceedings against Steel Authority of India Limited, Rourkela Steel Plant in any matter out of the Contract shall be triable only by appropriate Civil Court at Rourkela.

## 21.0 EXECUTION OF EXCESS QUANTITY

21.1 Execution of excess quantity, if asked for, over the scheduled quantity shall be paid at the itemwise L-1 quoted rates of the tender.

## 22.0 GUARANTEE PERIOD

22.1 Guarantee period for the job shall be six months from the date of completion of work, unless otherwise specified.

Signature of the Tenderer with Seal

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SM/AGM (Contract Cell)

## **SPECIAL TERMS & CONDITIONS**

Tender Notice No: RSP/CC (TE)/CIVIL/OT/63/09-10

Name of the Work : **Rate Contract for Civil Engg. Works in Steel Township during 2009-10-11.**

- 1.0** The work will be executed as per item schedule, standard specifications for Civil Engineering works and as per the direction of the Engineer-in-charge.
- 2.0** The Terms and conditions as laid down in the Notice Inviting Tender, "General Terms and Conditions of Contract", "Special Terms and Conditions", "Safety Code" , "Instruction to the Tenderers" and other tender documents are binding to the Tenderers. All the above shall form a part of the contract including the "Schedule of Rate", Letter of Intent and/or Work Order. The 'Safety Code' can be referred in the office of Executive-in-charge, Contract Cell, Town Engineering Department Building of Rourkela Steel Plant, Sector-5, Rourkela-769002.
- 3.0** The Tenderer(s) should be fully acquainted with all those documents of the tender schedule to deliver a bonafide tender.
- 4.0** The rates quoted should be inclusive of all the required materials, Royalty, all Labour Statutory Payments as applicable on works contract, Safety, Tools & Tackles, all overheads etc. unless otherwise specified. As applicable, only VAT & Service tax shall be payable extra. The rates quoted shall remain fixed during the contract period. However, labour escalation shall be admissible.
- 5.0** Subject to satisfactory performance of the contractor, original validity period of the contract shall be extended at the discretion of RSP. The contract value also shall be enhanced as per requirement of the department. Such extension of contract validity period or contract value shall be without seeking any further consent from the party. Such extension of contract can be up to maximum of six months or till finalisation of a new contract, which ever is earlier.
- 6.0** **WATER & ELECTRICITY**
  - 6.1** Water for the execution of work, if required, shall be made available free of charges to the contractor at any one point of the sector convenient to the Department. The water will be supplied intermittently. The contractor will arrange, at his own cost, storage of water for its continuous use and for the period when water is not supplied. Distribution from the supply point to the work site shall be the responsibility of the contractor.
  - 6.2** Electricity for the execution of work, if required, shall be made available free of charges to the contractor at any one point near the site of work convenient to the department. Distribution from the supply point to the work site shall be the responsibility of the contractor.
- 7.0** **PROCEDURE FOR EXECUTION OF WORK**
  - 7.1** The contractor may be asked to carry out the repair & maintenance work in any area of the Steel Township including Sec-22, as decided by the Department. The contractor should be fully acquainted with different areas of the work site where in any of the jobs as indicated in the schedule may be required to be carried out under this contract.

- 7.2 All the items of schedule or part thereof may be operated as per the Departmental requirement during execution of the contract.
- 7.3 The contractor is to execute the work irrespective of the quantity as per departmental requirement and as directed by the Engineer-in-charge.
- 7.4 Any extra item(s) to come during execution of contract shall be taken up on mutual agreement subject to prior approval of Competent Authority for execution.
- 7.5 The contractor or his authorised representative will report to the Engineer-in-Charge of the concerned Maintenance Booth on all working days for day-to-day execution of the works. It is the contractor's responsibility to appraise Engineer-in-charge about the day-to-day progress of the work, complaints if any, the amount of work executed etc.
- 7.6 The work will be executed on item rates basis. The contractor will be issued with Sub-Orders indicating the time of completion of each sub-order and items of work to be executed with respective quantities and amount. The work shall have to be completed within specified time period indicated in the sub order.
- 7.7 Sub-Orders will be drawn by Engg. Asst. / Concerned Engr I/C in triplicate. The copies of these Sub-Orders shall be forwarded to the contractor, concerned Engineer-in-Charge for execution and Technical Cell for record.
- 7.8 As far as possible execution period of sub-orders will be contained within the contract validity period. However execution period of such sub orders placed towards the end of the contract may spill over beyond the validity period of the contract up to a maximum of one month.
- 7.9 No Sub-Order will be issued for the works under guarantee period. However, any defect found within the guarantee period shall have to be attended by the same agency that had executed the job, at their own cost and risk, within a specified time period as per direction of the department. If the agency fails to rectify the damage/problem within specified time period then the work shall be rectified by any alternate means at the cost and risk of the agency.
- 7.10 The completion certificate along with detail measurement & abstract should be submitted by the agency in prescribed proforma available in the department within 30 days of completion of a Sub Order. It is to be duly certified by Engg. Asst. / Executive I/c of the concerned areas and produced at Technical cell.

## **8**

### **DAMAGES**

- 8.1 For ensuring timely execution of contract, each Sub-Order shall specify the allotted time for execution of the job considering the urgency of the job and the reasonable requirement of time for execution of such job. Timely completion of the allotted work through sub orders shall deemed to be the most important feature of the contract.

If any work as per sub-order is left unattended or delayed during the allotted time period of execution, it is at the discretion of the concerned Engineer-in-charge to get the left out jobs executed through a fresh sub order on any other contractor or through any other alternate means by giving minimum 3 (three) days notice.



- 8.2 Damages shall be imposed for any delay in execution of job for a particular sub order. Damages shall be imposed on the defaulting agency for delay attributable to him @ 1% per week or part thereof up to a maximum of 8 weeks time and also up to a maximum value of 8% of the corresponding sub order value. After 8 weeks the individual contract of the defaulting party will be foreclosed & the balance contract amount will be distributed amongst the remaining parties of the same Rate Contract within its validity period. Subsequent to validity period of the Rate Contract, unfinished jobs where sub-orders have been issued shall be got executed through any alternate means at the risk & cost of the defaulting party. This supersedes Cl. No. 15 on LD of General Terms & Conditions of Contract.

**9.0 SAFETY AND PRECAUTIONS**

- 9.1 The regulations indicated in the Safety Code shall have to be strictly followed by the Contractors.
- 9.2 The successful contractors has to apply for clearance to engage the Contract Workers in the prescribed format & should obtain Safety Induction Training for all its workers to be deployed for the work from the department.
- 9.3 The Contractors should at all times provide sufficient fencing, \*Notice boards/guarding boards, night watchman etc. for protection of the public and the workers. All the workers must have working experience and must be aware of the Safety hazards in connection with various types of work. All safety precautions and other applicable safety rules are to be followed.

**10.0 SATISFACTORY PERFORMANCE OF CONTRACTORS:** The performance of the contractor will be considered satisfactory if :

- 10.1 The contractor, his authorised representative reports to the Booth regularly in connection with the work.
- 10.2 The work is executed as per specification and completed within the period as stipulated in the Sub Order.
- 10.3 The contractor has carried out work during any emergency as per the direction of the Engineer-in-charge.
- 10.4 The contractor fulfils all the statutory requirements as per rule and follow other rules and regulations as stipulated in the contract.
- 10.5 The contractor rectifies its defective works under guarantee period on intimation within a specified period.
- 10.6 All safety precautions are ensured by the contractor and adequate supervision by Competent persons provided in order to do the job safely and without damage to any property or person.

**11.0 DEFAULT:** The performance of contractor will be considered unsatisfactory if:

- 11.1 The contractor does not attend the work as per Contract and/or Sub-Order in full or part in time without any valid reason.
- 11.2 The contractor does not carry out the instruction of the Engineer-in-charge.

- 11.3 The contractor has executed excess work beyond allotted amount without any valid sub-order.
- 11.4 The contractor is found consistently irregular in reporting to the concerned Maintenance Booth for carrying out the day-to-day business.
- 11.5 The Contractor causes loss to the company through any his activities.
- 11.6 The contractor does not follow the terms and conditions as per agreement.
- 11.7 The contractor executes any defective/poor quality work.
- 11.8 The contractor does not supply the materials/ equipments as per specification and does not respond to the instruction/information of department/legal authority in time.
- 11.9 The contractor does not maintain discipline in work place.

## **12.0 TERMS OF PAYMENTS**

- 12.1 The payments will be made on the basis of the quantity and quality of job executed on item rates basis. The contractor shall submit the Running Account bills / Final bills, prepared neatly or typed, in the Technical Section of the Town Engg. (Civil) along with copies of statutory deposits like ESI, EPF and other relevant documents. The Work Order No. is to be mentioned on each page of bill. Each page is to be numbered (indicating total no. of pages) and signed by the contractor with date. The bill must contain Sub order wise detail measurements and abstracts of measurement etc.
- 12.1.1 **Payment terms** :As per actual completion certificate issued by the executing department
  - a) R/A bill may be admitted up to 90% of the Work Order/A/T values and shall be paid as follows:
    - (i) 1st R/A bill :-100% of the executed value as certified by the deptt.
    - (ii) 2nd/subsequent R/A bills:-100% of the executed value as certified by the deptt with CLC Clearance in original in respect of preceding R/A bill, complying deposit of ESI and EPF dues by the Contractors (where contract labour are engaged).
  - b) Final bill:- Balance executed value as certified by the Deptt. with CLC clearance in original, for the total executed value (where contract labour are engaged)
  - c) Where R/A bill is not applicable. 100% of executed value shall be released against final bill certified by the Deptt., with CLC Clearance in original where contract labour are engaged.
  - d) Final Bill shall be submitted by the contractor within 6 months from the date of expiry of the contract. No claim of the party shall be entertained after one year from the expiry of the contract.
  - e) All payments shall be subject to statutory deduction, recoveries as per contract such as Security Deposit etc.
  - f) 10% of executed value shall be deducted after adjusting EMD, if any, as Security Deposit from R/A Bills/Final Bill.

However, if the payment term is revised by RSP the same shall be binding on the agencies.

## **12.2 The following documents will be required for releasing the Running Bills(s).**

- 12.2.1 Copies of monthly wage sheet for the period to which the bill relates.
- 12.2.2 Copies of corresponding ESI deposit challans.
- 12.2.3 Copies of corresponding EPF deposit challans.

- 12.2.4 CLC clearance for R/A bill (for 2<sup>nd</sup> R/A Bill & onwards).
- 12.2.5 Statement of salvaged materials along with copy of 'Store Return Note' for salvage materials, if any.
- 12.2.6 Sub Order wise Job completion report.
- 12.2.7 The Cash memo/Bills on procurement of wood from approved dealers of Govt / approved timber merchants. Agencies to submit certificate to this effect.
- 12.2.8 Abstract of the amount payable / deduction as per the terms and conditions of contract or as per any other recommendation of the Competent Authority.
- 12.3** The following additional documents will be required for releasing the **Final Bill**.
- 12.3.1 The documents as mentioned in clause no. 12.2 for the remaining part of the work for which payment is due in favour of contractor.
- 12.3.2 The clearance certificate issued by ICLC.
- 12.3.3 'No Demand Certificate' from the contractor as per terms of the contract.
- 12.3.4 A Clearance certificate from Town Services Deptt. For recovery of dues towards occupation of RSP land by the contractor for stores purpose.
- 12.4 The Final bill along with detailed measurement sheet, abstract of quantities, copies of statutory documents like wage sheets, ESI / EPF deposit challans etc. are to be submitted to the Engineer-in-Charge within **six months** from the date of expiry of the contract, failing which the Engineer-in-Charge shall get the job measured which shall be final & binding on the agency & no correspondence shall be entertained in this regard.
- 12.5 Execution of jobs & submission of bills will be as per the procedure prevailing in Town Engg.( Civil ) deptt.

### **13.0 RELEASE OF SECURITY DEPOSIT**

- 13.1 The Security Deposit shall be returned / released to the Contractor, after expiry of guarantee period, only on submission of
  - (i) "NO DEMAND CERTIFICATE" from all the concerned authorities of RSP and other Government authorities.
  - (ii) Clearance certificate from Town Services Deptt. will also be a pre-requisite for release of SD.
- 13.2 No claim of the Contractor for interest/ depreciation of the Security Deposit shall be admissible
- 13.3 90% of SD shall be released against payment copy of CLC clearance certificate after guarantee period and balance 10% shall be released against payment copy of CLC clearance certificate based on final assessment of ESI/EPF authorities.

### **14.0 ESCALATION / DE-ESCALATION OF CONTRACT VALUE**

- 14.1 Subsequent to final quotation of rates and during operation of the contract, if there is any upward revision of minimum wages, D.A. by any administrative instruction of RSP Management, the same will be reimbursed to the contractor on actual deduction from the amount payable to the contractor including the corresponding increase in the statutory payment arising out of the said revision, subject to production of documentary evidence in support of the said payment made in presence of respective representative of Principal Employer. In addition service charge of 3% of the escalated amount will be paid extra to the Contractor. The amount will be reimbursed to the Contractor at the end of each financial year.

- 14.2 In case of extension of contract period where the reasons of delay are attributable to the contractor, labour escalations during such period of extension, shall not be admissible.
- 14.3 No material escalation will be admissible during execution period and the rate mentioned in the schedule shall remain firm.

**15.0 LAND FOR STORES**

- 15.1 No land shall be allotted to the working contractors free of charges. On the basis of the recommendation of the working dept., land may be allotted for purpose of stores on payment of license fees as per prevailing rate or as decided by RSP authority from time to time.
- 15.2 The contractor shall not put up any construction of permanent nature on the land. Only temporary sheds can be built for storage of tools, tackles & materials during the licence period only with prior permission of Town Services dept. on application. The sheds shall be used only for the purpose of storing materials.
- 15.3 In case of requirement of electricity at allotted land, the same shall be provided on chargeable basis as per existing procedure.
- 15.4 If no further contract is awarded, the contractor shall have to vacate and restore the land to its original condition immediately after completion of work and expiry of the maintenance period. In such circumstances, if the contractor fails to give vacant possession of the land to its original condition, he shall be liable to pay damages at the rate of Rs.2/= (Rupees Two only) per day per 100 sqft. of land, or as decided by RSP from time to time, for the unauthorised occupation of the land without prejudice to all other actions for their eviction from the public premises. Only RSP shall determine the amount of such compensation to be paid by the contractor. The amount of damages shall be realised from the contractor, forthwith and adjusted without any notice, from the bills / security deposit of the contractor or any dues payable by SAIL to the contractor.
- 15.5 The contractor in occupation of RSP land shall obtain a Clearance certificate from Town Services Deptt before release of their Final bill & security deposit etc. Also the deptt. shall not settle the the Final Bill/ Security Deposit/ Earnest Money without clearance from Town Services deptt.

**16.0 MATERIALS TO BE SUPPLIED BY CONTRACTORS AND INSPECTION**

- 16.1 All the materials supplied by the Contractor for the work will be as per ISI / BIS specifications / code and/or standard specifications for Civil Engineering Works and to be approved by the Engineer-in-charge.
- 16.2 All the items of work shall be executed as per provisions of various relevant ISI/BIS Code and/or standard specifications of Civil Engineering Works.
- 16.3 Cement to be used in the maintenance & repair works shall be either of ULTRA-TECH / ACC/ OCL / IDCOL / LAFARGE / AMBUJA / JK make.
- 16.4 All material supplied by the Contractor shall be the absolute property of the employer which shall not be on any account be removed from the site of work and shall be liable any time to be opened for inspection by the Engineer-in-charge.
- 16.5 Contractor shall be bound to produce the original documents along with copy supporting documents for purchase, transportation, deployment, utilisation of any resources and materials consumed in the work on demand by Engr-in-charge.

**17.0** All salvaged / dismantled materials received from the work shall be assessed by the Engineer I/c during execution of the work and may be reused in the work then and there or returned to any of the Departmental store of Town Engineering in Township by the contractor at their own cost as per the direction of the Engineer-in-charge. The quantity of wood materials salvaged from the works done in different quarters and public buildings has to be assessed by the Engg -in- Charge and the salvaged quantity to be returned by the contractor to Departmental Store failing which the cost of wood @ Rs.10/- per kilogram shall be recovered from the bills of the agency.

**18.0 NEW ALLOTMENT CASES**

The contractor has to undertake responsibility for carrying out repair & maintenance works in newly occupied quarters and complete the work as specified in Sub-Order issued for the purpose. He has to take over the quarters temporarily from the concerned Engineering Assistant if it is so required by the department and hand over the same after completion of the work.

**19.0 PROCEDURE FOR HANDING OVER AND TAKING OVER OF COMPANY'S QUARTERS FOR MAKING THE QUARTERS HABITABLE THROUGH THE CONTRACTOR (S) OF TOWN ENGINEERING DEPARTMENT**

19.1 The contractor has to undertake the responsibility for repair works to be done and guarding of quarters where immediate vice-vacation is not possible but the employee in occupation/Ex-allottee wants to leave/hand over the quarters after superannuation or otherwise.

19.2 In the above cases, the contractor will take over the vacant quarters from the Engg Asst. / representative of Town Engineering (Civil) through Zonal Inspector / Estate Supervisor of Town Services dept. with the existing fixtures and fittings in the quarters to be recorded in the Vacation Report/Occupation Report format as stipulated in Clause no.10 of House Allotment Rules of RSP. During that period the quarters will remain under the custody of contractor and he will be responsible for any loss or damage for that period. The contractor may be required to make the quarter habitable as per norms within the period specified in the sub order which will be issued by the department,

19.3 During the process of repair by the contractor, the cost towards loss, if any, on account of missing / damage of items like existing fittings, fixtures etc. shall be recovered from the Bill of the Contractor by Town Engg. (Civil) which will be debited to the Rent Cell of Town Services Department. The loss on this score will be assessed jointly by concerned Zonal Inspector/ Estate Supervisor and Engineering Assistant.

19.4 If such quarters is not taken over from the Contractor by the new allottee through Zonal Inspector/ Estate Supervisor and Engineering Assistant of concerned Maint. Booth, then the contractor shall be entitled to get @ Rs.20/= per day from the date on which the quarter is taken over by the contractor towards "Protection of House Property" upto the date of taking over of the house by the new allottee or expiry of contract, which ever is earlier. The contractor will produce his "Claim Certificate" on the prescribed format along with the copy of taking over and handing over report.

- 19.5 In case the contractor fails to hand over the quarters on the scheduled date due to failure on his part then he shall be liable to pay damages @ Rs.20=00 per day. But after a reasonable period as decided by the RSP management, stringent penal action shall be taken against the contractor including eviction and damages under P.P. Act besides declaring the contractor as a defaulter. This is without prejudice to other contractual provisions for delayed execution or damages.
- 19.6 Bills towards guarding for the amount payable/ deductible on account of "Protection of House Property" as per clause no. 19.4 & 19.5 shall be prepared separately as per the prescribed format.
- 19.7 The amount payable/deductible on account of "Protection of House Property" as per clause no. 19.4 & 19.5 shall not be taken into account for total contract value of the contract nor for executed value of the contract.
- 19.8 ESI, EPF and Security Deposits shall not be applicable for the amount payable/deductible on account of clause no. 19.4 & 19.5.
- 19.9 Taxes and Duties are applicable to the amount payable/ deductible on account of clause no. 19.4 & 19.5.

**20.0** For any contradiction between Special Terms & Conditions and General Terms & Conditions of Contract, the Special Terms & Conditions shall supersede the General Terms & Conditions of Contract.

## **DECLARATION**

I hereby declare that neither I nor any of my partners/directors of our firm/company is/are made prime accused in a prosecution before any court of law, nor involved in malpractice and/or the theft of property of SAIL.

The above declaration is true to the best of my knowledge and belief and if any part or all is found untrue, I/our firm/partnership/company shall be liable for any action including banning of business dealing with SAIL, RSP and/or our tender/contractor shall be liable for cancellation.

Signature of Proprietor/ Authorised  
Representative with seal

Address :

( Tenderer )

### **CONDITIONS & PAYMENT OF MINIMUM WAGES**

1. Contractors are required to pay the workers minimum wages as prescribed under and have to comply with the various provision of law applicable to them. In case they default to pay to the workers the minimum wages and other statutory dues or violate certain other provisions of Law, the Management reserves the right to deduct from their bill the amount on the advise of the Dy. Labour Commissioner or any other officer authorised by him and pay to the labourers the said amount on behalf of the Contractors.
2. The Contractors shall ensure that their employees are paid the wages in time and can only make such deductions which are authorised under the Payment of Wages Act, ESI, EPF and Misc. Provision Act, 1950 and Rules thereunder. The relevant record and register are required to be maintained by the Contractors and produce the same before the Officer of the Company and such other case if the Contractor defaults in making statutory Payment of Wages Act or of any other Labour Act, which the Contractor is obliged to make to their employees. The Company reserves all right to deduct any amount from the bills of the Contractor towards payment of their employees.
3. The Contractor is required to register their Establishment with the Asstt. Labour Commissioner and Licensing Officer, Govt. of Orissa under Section 12(1) of the Contractor Labour Regulation Abolition Act, 1970.
4. The Contractor is required to register Establishment under the Employees State Insurance Scheme and EPF and PF Schemes for purpose of extension of Medical Benefit etc. under the ESI Act & PF benefit to his/their workers respectively.
5. The Contractor/Contractors have to maintain necessary records in connection with EPF and ESI as per Laws under the aforesaid Act. It is obligatory on the part of the Contractor to issue Employment card, Attendance Card, Wages Slip, Leave Book, PF Account Slip, ESI Card, Service Certificate etc.
6. The Contractor will comply with provision regarding EPF, ESI, HRA, National and Festival Holidays, Leave Salary, Notice Pay and retrenchment compensation as under relevant laws for his/their workers.
7. Cess is recoverable as per provisions of Building & other Construction Workers Act & Cess Act,1996; as enforced by Govt. of Orissa. The Contractor is also advised to seek registration with concerned Govt. Authority as per eligibility in accordance with Building & Other Construction Workers Act 1996.
8. The Contractor has to provide necessary safety appliances to the workers and comply with all provisions & laws pertaining to safety.
9. The Contractor shall pay minimum statutory labour wages including statutory benefits to their workers as applicable at the time of execution of the job. Present rate of statutory minimum wages as per PL-CLC/1227 dtd.18/07/09 are as below:

Unskilled	: Rs.90=00 per day;	Semi skilled	: Rs.103=00 per day
Skilled	: Rs.116=00 per day;	High skilled	: Rs.129=00 per day

In addition to the above Variable Dearness Allowance shall be applicable as & when notified by the Govt. of Orissa. Any subsequent revision of minimum statutory wages shall also be applicable.
10. The contract labourers getting wages higher than the minimum wages earlier will continue to get the higher wages.
11. Every contract labour will be required to be covered by ESI and EPF Scheme from the 1st day of employment.
12. The Contractor shall engage sufficient number of workers with requisite experience in the trade depending upon the need of the works.
13. No claim shall be accounted for idling of the labour on any account due to discontinuous nature of work.



## CERTIFICATION BY THE TENDERER

Name of the Work : Rate Contract for Civil Engg. Works in Steel Township during 2009-10-11.

Tender Notice No: RSP/CC(TE)/CIVIL/OT/63/09-10

I / We hereby certify the following:

1. I/We have gone through the all the terms & conditions of the tender like Notice Inviting Tender, General Terms & Conditions of the Contract, Special terms & conditions/ Scope of work, Schedule of rates etc. for this Tender. I/We have also understood the specifications in detail for the items of this work. I/We have completely understood the entire Tender Conditions & their implications basing on which I/we have quoted in the Price Bid (Part-"C" of the Tender Set).
2. I/We have submitted Demand Draft/Pay Order/ Bankers Cheque / Cash Receipt for required amount payable to SAIL, Rourkela Steel Plant, towards the Earnest Money Deposit for this Tender.
3. I/We have filled up Tenders and submitted in three parts, Part-"A" containing Earnest Money Deposit, Part "B" (Techno-commercial bid) with legible attested copy of required documents and Part "C" (Price Bid), in separate sealed covers as detailed in Notice Inviting Tender. None of the documents submitted is incorrect.
4. I/We have signed all the pages of the tender set with seal in the appropriate places.
5. I/We shall justify our rates (if so required by management of Rourkela Steel Plant) quoted by me/us in the Price Bid (PART"C"). There are no other conditions given for these rates other than Tender conditions. The tender offer shall remain valid at least for a period of **3 (Three)** months from the date of opening of price bids.
6. I/We hereby declare that I/We are not banned/ black listed for business dealings by any organization.
7. I/We hereby declare that all documents submitted with tender are true & genuine.
8. I/We shall be present during opening of the Techno-Commercial bids or send any of our authorized representatives with authorization letter for the purpose, failing which any decision taken up by management of Rourkela Steel Plant in this regard shall be acceptable and binding to me/us.

Signature of the Tenderer with Seal

AGM (Contract Cell)

A B S T R A C T

(To be filled by the Tenderer & submitted with part 'B')

1. Name of the Work : Rate Contract for Civil Engg. Works in Steel Township during 2009-10-11.
2. Tender Notice No. : RSP/CC(TE)/CIVIL/OT/63/09-10
3. Name of the Contractor : M/s.
4. Name of the Bank, Branch and A/C No: Bank .....  
Branch .....  
A/c No.....
5. ESI and EPF Code no.(with RPFC):
6. Permanent Account No. :
7. VAT/TIN No. :
8. Service tax registration no. & category:  
.
9. Contractor's Address :
10. Contact telephone / Mobile no. :
11. Email ID:

Signature of the Tenderer with Seal

AGM (Contract Cell)

**PRICE BID PART (PART "C")****PRICE SCHEDULE**

Tender Notice No.RSP/CC(TE)/CIVIL/OT/63/2009-10

**Name of work: Rate Contract for Civil Engg. Works in Steel Township during 2009-10-11.**

Item No	Name of Items	Unit	Rate (Rs)
<b>CHAPTER-I (Earth Work)</b>			
EW/1	Earth work in excavation, including banking in 225 mm layers dressing to profile lead upto 50.00 mtr and lift upto 1.50 mtr. (exceeding 300 mm in depth, 1.50 mtr in width).		
	(a) Ordinary soil	Cbm	<b>66.00</b>
	(b) Soil mixed with moorum or single.	Cbm	<b>79.20</b>
EW/2	Earthwork in excavation in trenches for foundation, pipe line, electric cable etc. (not exceeding 1.50 mtr in width).		
	(a) Ordinary soil	Cbm	<b>72.60</b>
	(b) Soil mixed with moorum or single.	Cbm	<b>92.40</b>
EW/3	Excavation in wet/slushy soil including removal of water by manual/mechanical means wherever necessary lead upto 50.00 mtr and lift upto 1.50 mtr. (not exceeding 300 mm in depth, 1.50 mtr in width)		
	(a) Ordinary soil	Cbm	<b>87.12</b>
	(b) Soil mixed with moorum or single.	Cbm	<b>110.88</b>
EW/4	Refilling excavated earth in trenches, plinth, sides of foundation etc. in layer not exceeding 200 mm in depth including consolidation of each layer by ramming and watering, lead upto 50.00 mtr and lift upto 1.50 mtr.	Cbm	<b>31.49</b>
EW/5	Surface dressing of the ground including removing vegetation and earthwork not exceeding 75 mm cut and fill.	Sqm	<b>1.79</b>
EW/6	Providing & Filling in plinth with sand under floors including watering, ramming etc complete.	Cbm	<b>186.39</b>
EW/7	Filling in foundation trenches and plinth with borrowed earth in 150 mm layers including watering and ramming, lead upto 50.00 mtr.	Cbm	<b>51.55</b>
EW/8	Extra over item no. EW/1 or EW/2 for every additional lift of 1.50 mtr or part thereof .	Cbm	<b>5.28</b>
EW/9	Extra over item no.EW/3 for every additional lift of 1.50 mtr or part thereof	Cbm	<b>6.24</b>
EW/10	Extra over item no.EW/1 or EW/2 for every additional lead of 50.00 mtr or part thereof , and maximum lead up to 150 mtr.	Cbm	<b>6.30</b>
EW/11	Extra over item no. EW/3 for every additional lead of 50.00 mtr or part thereof , maximum lead upto 150 mtr.	Cbm	<b>7.44</b>
EW/12	Cleaning of Wild growth including uprooting of rank, vegetation, grass, bush wood, saplings etc and removal of rubbish up to a distance of 50 mtr. Outside the periphery of the area cleaned	Sqm	<b>1.12</b>

Signature of the Tenderer with Seal

Pg-1/28

AGM(Contract Cell)

EW/13	Transportation of earth, debris, construction materials by mechanical means including loading, unloading and levelling at specified locations		
	a) Up to 2.00 KM	Cbm	<b>71.71</b>
	b) Above 2.00 KM up to 5.00 KM	Cbm	<b>98.39</b>
EW/14	Supplying and Spreading of Sweet earth at the work site as per the instruction of site engineer in charge	Cbm	<b>188.40</b>
EW/15	Supplying and spreading of moorum / Stone Crusher dust at the work site as per the instruction of site engineer in charge	Cbm	<b>556.29</b>
<b>CHAPTER-II (MASONRY AND CONCRETE WORK)</b>			
MW/1	First class brick work in foundation and plinth in cement mortar 1:6(1 cement: 6 Sand).	Cbm	<b>2,504.71</b>
MW/2	First class brick work in foundation and plinth in cement mortar 1:6(1 cement: 6 Sand) using salvaged brick as per direction of Engr-In-charge. (excluding cost of brick).	Cbm	<b>722.36</b>
MW/3	First class brick work in superstructure above plinth level upto a height 6.00 Mtr. in cement mortar 1:6(1 cement: 6 Sand).	Cbm	<b>2,592.14</b>
MW/4	First class brick work in superstructure above plinth level upto a height of 6.00 Mtr. in cement mortar 1:6(1 cement: 6 Sand) using salvaged brick as per direction of Engr-In-charge. (excluding cost of brick)	Cbm	<b>809.79</b>
MW/5	Extra over item no MW/3 or MW/4 for every additional height of 5.00 Mtr. or part thereof	Cbm	<b>51.84</b>
MW/6	First class half brick work in cement mortar 1:6 (1 cement: 6 Sand) in superstructure above plinth level upto a height of 6.00 Mtr.	Sqm	<b>327.40</b>
MW/7	Extra over item no MW/6 for every additional height of 5.00 Mtr. or part thereof	Sqm	<b>6.55</b>
MW/8	Honey comb half brick work with first class bricks in cement mortar 1:6(1 cement: 6 sand) up to 10.00 Mtr.	Sqm	<b>221.19</b>
MW/9	Random rubble masonry with hard stone in foundation and plinth in cement mortar 1:6(1 cement: 6 sand).	Cbm	<b>1,657.73</b>
MW/10	Random rubble masonry with hard stone in foundation and plinth in cement mortar 1:6(1 cement: 6 sand) using salvaged stone including cleaning of stone as per direction of the Engr-In-charge. (Excluding cost of stone).	Cbm	<b>982.60</b>
MW/11	Random rubble masonry with hard stone in superstructure above plinth level and upto a height of 6.00 Mtr. in cement mortar 1:6 (1 cement: 6 sand).	Cbm	<b>1,781.88</b>

MW/12	Random rubble masonry with hard stone in superstructure above plinth level and upto a height of 6.00 Mtr. in cement mortar 1:6(1 cement: 6 sand) using salvaged stone including cleaning of stone as per direction of the Engr-In-charge. (Excluding cost of stone).	Cbm	<b>1,106.75</b>
MW/13	200 mm thick hollow block wall in foundation and superstructure upto 3.00 mtr above plinth level in cement mortar 1:6(1 cement: 6 sand) excluding the cost of hollow block .	Sqm	<b>93.01</b>
MW/14	Providing and laying cement concrete 1:2:4(1 cement:2 sand:4 graded stone aggregate 20 mm nominal size) upto two floor level.	Cbm	<b>3,509.38</b>
MW/15	Providing and laying reinforced cement concrete 1:2:4(1 cement:2 sand:4 graded stone aggregate 20 mm nominal size) for floor, roof, lintel, beam etc upto two floor level.	Cbm	<b>3,594.34</b>
MW/16	Providing and laying reinforced cement concrete 1:11/2:3 (1 cement: 11/2 sand: 3 graded stone aggregate 20 mm nominal size) for floor, roof, lintel, beam etc upto two floor level.		
	a) In foundation and upto Plinth level	Cbm	<b>3,894.50</b>
	b) In super structure and above plinth level for floor, roof, lintel, beam etc upto two floor level.	Cbm	<b>3,973.04</b>
MW/17	Extra over item no MW/14 to MW/16 for every additional height of 5.00 Mtr. or part thereof	Cbm	<b>70.19</b>
MW/18	Providing and laying cement concrete 1:3:6 (1 cement: 3 sand: 6 graded crusher broken stone aggregate 40 mm nominal size).	Cbm	<b>2,777.71</b>
MW/19	Providing and laying cement concrete 1:4:8 (1 cement: 4 sand: 8 graded crusher broken stone aggregate 40 mm nominal size)	Cbm	<b>2,502.71</b>
MW/20	Centering and shuttering for foundation and plinth including propping and removal of form work complete.	Sqm	<b>81.51</b>
MW/21	Centering and shuttering for flat surface, lintel, column and beam including propping and removal of form work complete.	Sqm	<b>151.00</b>
MW/22	Providing and placing steel reinforcement for R.C.C. and R.B. work including cutting, bending, binding and placing in position as per the direction of the Engr-In-charge. (Including the cost of binding wire).	Kg	<b>38.08</b>
MW/23	Providing and fixing R.C.C. precast slab 1 : 2 : 4 mix (1 cement:2 sand:4 stone aggregate 10 mm nominal size )for shelves, drain cover, flue tops etc.		
	(a) 50 mm thick	Sqm	<b>224.54</b>
	(b) 25 mm thick	Sqm	<b>112.27</b>

MW/24	Providing and fixing 25 mm thick precast cement concrete jalli 1:2:4 mix(1 cement:2 sand:4 stone aggregate 10 mm nominal size) including frame work , providing and placing reinforcement and finishing in cement mortar 1:3(1 cement:3 sand).etc complete .	Sqm	<b>250.93</b>
MW/25	Providing 25 mm thick Damp Proof Course (DPC) with cement concrete 1:2:4(1 cement:2 sand:4 stone aggregate 10 mm nominal size).	Sqm	<b>103.07</b>
MW/26	Providing and laying cement concrete 1:3:6 (1 cement:3 sand:6 slag chips 12mm to 20mm gauge). (Excluding the cost of slag chips which will be supplied by the department free of cost).	Cbm	<b>1,569.07</b>
MW/27	Providing and laying cement concrete 1:2:4 (1 cement: 2 sand: 4 slag chips upto 20mm gauge). (Excluding the cost of slag chips which will be supplied by the department free of cost).	Cbm	<b>2,197.14</b>
MW/28	Providing & mixing chemical admixture such as "SIKA LATEX" or equivalent in cement concrete / mortar and bonding work as per manufacturer's specification and as directed by Engineer- in - Charge.	KG	<b>290.80</b>
MW/29	Providing and applying epoxy resin based solvent free bonding agent SIKADUR-32 or equivalent after cleaning surface of old concrete surface for bonding new concrete as per manufacturer's specification and as directed by Engineer-in-Charge.	Sqm	<b>198.70</b>
MW/30	Providing and mixing chemical compound such as "PLASTOCRETE PLUS" or equivalent for plasticizing and water proofing as per manufacturer's specification and as directed by Engineer-in- Charge.	KG	<b>89.24</b>
MW/31	Providing and laying screed concrete 1:2:4 mix (1cement: 2 sand: 4 stone aggregate 10mm nominal size) at all levels.		
	(a) 25mm thick	Sqm	<b>116.63</b>
	(b) 40mm thick	Sqm	<b>175.05</b>
MW/32	Single under reamed pile foundation with cement concrete grade M-20( C ) including cost of boring but excluding cost of steel reinforcement and labour charges for cutting, bending and binding of steel.		
	(a) 250mm dia.	RM	<b>373.03</b>
	(b) 300mm dia.	RM	<b>504.77</b>
MW/33	Propping RCC slab and beam including removal of form work complete.	Sqm	<b>54.08</b>
MW/34	Providing & mixing Recron 3S triangular polyester fibre of 6 - 12 mm cut length in pouches of 125 gm each for mixing in cement plaster and concrete as per manufacturer's specification as directed by Engr.-in-charge	each	<b>42.15</b>
MW/35	Fly ash brick work (strength: minimum 110 kg/ sqcm ) work in foundation and plinth in cement mortar 1:6(1 cement: 6 Sand).		
	a) In foundation and Plinth	Cbm	<b>2,504.71</b>
	b) In super Structure above plinth level upto a height of 6 mtr.	Cbm	<b>2,592.14</b>

MW/36	Extra over item no MW/35(b) for every additional height of 5.00 Mtr. or part thereof	Cbm	<b>51.84</b>
MW/37	Providing and laying plain cement concrete 1:11/2:3 (1 cement: 11/2 sand: 4 graded stone aggregate 20 mm nominal size) for floor, roof, lintel, beam etc upto two floor level.		
	a) In foundation and upto Plinth level	Cbm	<b>3,831.97</b>
	b) In super structure and above plinth level for floor, roof, lintel, beam etc upto two floor level.	Cbm	<b>3,910.51</b>
<b>CHAPTER-III (REPAIR OF DOOR AND WINDOW)</b>			
WR/1	Easing the door/window (single/double leaf of any size) including adjustment and fixing of tower bolts, aldrops, hinges etc with new screws if necessary and fixing of wood pieces wherever necessary complete including painting to the repaired surface including the cost of materials.		
	(a) Door	Each	<b>15.02</b>
	(b) Window	Each	<b>12.67</b>
WR/2	Taking out of the damaged door, window and clearstory window (steel or wood ) frame and shutters including hold fast etc complete and stacking within 50.00 mtr lead.	Each	<b>48.29</b>
WR/3	Taking out of the damaged door, window and clearstory window (steel or wood) shutters complete including stacking within 50.00 mtr lead.	Each	<b>18.81</b>
WR/4	Fixing door, window and clearstory window frame in existing opening including embedding in floor, painting two coats of coaltar to side of frame and making good the damages to walls and floors complete including disposal of rubbish to the dumping ground within 50 mtr. (excluding the cost of hold fast and concrete).		
	(a) Door frame	Each	<b>126.60</b>
	(b) Window frame	Each	<b>84.84</b>
	(c) Clearstory window frame	Each	<b>65.35</b>
WR/5	Fixing of single/double leaf door/window shutter of FRP/wooden/Ply/particle board in position with necessary screws and fixing of fittings complete. (cost of shutter, frame and fitting excluded).		
	(a) Single leaf door/window shutter	Each	<b>47.30</b>
	(b) Double leaf door/window shutter	Each	<b>70.95</b>
WR/6	Providing and replacing of damaged posts of the door/window frame with salwood of section 100 mm x 75 mm, including cost of frame and hold fast with concrete, taking out the damaged frame & shutter, refixing the repaired frame & shutter in original position, painting the new work with primer and two coats paint, embedding in floor, painting two coats of coaltar to the side of frame in contact with wall and making good the damaged to walls and floors complete including disposal of debris within 50.00 mtr. (Measurement shall be limited to replacement portion only).	RM	<b>313.20</b>

WR/7	Providing and fixing M.S. tower bolts (barrel type) with necessary screws etc complete.		
	(a) 250x10 mm	Each	<b>39.44</b>
	(b) 200x10 mm	Each	<b>31.90</b>
	(c) 150x10 mm	Each	<b>24.05</b>
	(d) 100x10 mm	Each	<b>17.06</b>
WR/8	Providing and fixing M.S. handle (bow rounded) with necessary screws.		
	(a) 125 mm	Each	<b>8.94</b>
	(b) 100 mm	Each	<b>7.25</b>
WR/9	Providing and fixing M.S. pressed butt hinges bright finished with necessary screws.		
	(a) 125x65x2.12 mm	Each	<b>37.12</b>
	(b) 100x50x1.90 mm	Each	<b>34.55</b>
	(c) 75x47x1.70 mm	Each	<b>21.62</b>
	(d) 50x37x1.50 mm	Each	<b>13.61</b>
WR/10	Providing and fixing M.S. hook and eyes 150 mm size.	Each	<b>9.50</b>
WR/11	Providing and fixing M.S. aldrop(300x16 mm size) bright finished or black enamelled with nuts and screws etc complete.	Each	<b>119.87</b>
WR/12	Providing and fixing M.S. safety hasp and staple(115 mm size) with necessary screws etc complete.	Each	<b>20.12</b>
WR/13	Providing and fixing Pad bolts 150x16 mm size with necessary screws, bolts and nuts complete.	Each	<b>53.85</b>
WR/14	Providing and fixing seasoned pia salwood cleat to door/window with approved iron fittings including removal of old cleats where necessary including painting to match the existing shade.	Each	<b>26.25</b>
WR/15	Providing and fixing fly proof galvanised M.S. wire of I.S. gauge designation 85 G with wire of dia 0.56 mm to door/window/clearstory window including 62x19 mm beading of seasoned pia salwood.	Sqm	<b>380.31</b>
WR/16	Providing and fixing Pintal hinges of M.S. flat 305x3 mm fixed with a pin of M.S. round(16 mm dia) on masonry work as per the direction of the Engr-in-charge. (concrete to be paid separately).	Each	<b>23.54</b>
WR/17	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary with all lead and lift in ground floor of public building.		
	(a) 3 mm thick.	Sqm	<b>551.63</b>
	(b) 4 mm thick.	Sqm	<b>670.92</b>
WR/18	Extra over item no.WR/17 for fixing in		
	(a) 1st floor	Sqm	<b>38.92</b>
	(b) 2nd floor	Sqm	<b>51.87</b>



WR/19	Providing seasoned pia salwood in all types of panels, styles and rails for door/window/ventilator shutter including removing, dismantling, reassembling of the damaged door/window shutter/ ventilator and refixing the same in position with hinges, refixing of the existing fittings with new screws with one coat of primer as per direction of Engr.-in-Charge.		
	A- Single Leaf Door		
	(i) Panel - 12 mm thick	Each	<b>173.39</b>
	(ii) Style - 38 mm thick	Each	<b>430.55</b>
	(iii) Rail - 38 mm thick	Each	<b>181.85</b>
	B- Double Leaf Door		
	(i) Panel - 12 mm thick	Each	<b>117.91</b>
	(ii) Style - 38 mm thick	Each	<b>430.55</b>
	(iii) Rail - 38 mm thick	Each	<b>123.66</b>
	C- Window / Ventilator		
	(i) Panel - 12. mm thick	Each	<b>117.91</b>
	(ii) Style - 32 mm thick	Each	<b>217.42</b>
	(iii) Rail - 32 mm thick	Each	<b>104.14</b>
WR/20	Fixing of G.I. Plain sheet in door/window shutter with nails including cutting to required sizes, drilling holes etc complete as per direction of the Engr-In-charge.	Sqm	<b>38.48</b>
WR/21	Providing and replacing damaged steel window member with Z or L section complete as per direction of the engr-In-charge. (Excluding cost of fixing and taking out of shutter and frame).		
	(a) 'Z' section 20x20x4mm size	R.M.	<b>79.06</b>
	(b) 'L' section 20x20x4mm size	R.M.	<b>56.93</b>
WR/22	Providing and replacing damaged hinge of steel door/window.	Each	<b>44.11</b>
WR/23	Providing and fixing stay in steel window shutter of approved quality and size.	Each	<b>26.21</b>
WR/24	Providing and fixing handle in steel window shutter of approved quality and size including removal of damaged handle.	Each	<b>24.01</b>
WR/25	Fixing old glass panes with putty and nails including all lead and lift	Sqm	<b>105.56</b>
WR/26	Providing and fixing brass tower bolts with necessary brass screws etc complete.		
	(a) 250x10 mm	Each	<b>407.33</b>
	(b) 200x10 mm	Each	<b>326.12</b>
	(c) 150x10 mm	Each	<b>244.65</b>
WR/27	Providing and fixing brass handle with necessary brass screws.		
	(a) 125 mm	Each	<b>189.46</b>
	(b) 100 mm	Each	<b>95.66</b>
WR/28	Providing and fixing brass aldrep(300x16 mm size) with brass nuts and brass screws etc complete.	Each	<b>613.78</b>

WR/29	Providing and fixing door closer (conforming to IS:3564) of approved make and brand including cost of screws, nuts, bolts etc. complete.	Each	<b>1,431.21</b>
WR/30	Providing and fixing mortice lock of Godrej make including cost of screws, nuts, bolts etc. complete.	Each	<b>1,499.78</b>
WR/31	Providing and fixing brass stopper of approved make and brand including cost of screws, nuts, bolts etc. complete.	Each	<b>246.40</b>
	<b>CHAPTER-IV (NEW DOOR AND WINDOW)</b>		
WN/1	Providing and fixing 40x3 mm iron hold fast 30 cm long including fixing to frame with screws and wooden plugs and embedding in cement concrete block.	Each	<b>36.62</b>
WN/2	Providing seasoned salwood in frame of door, window, clearstory window and other wrought framed and fixed in position.	Cbm	<b>31,995.47</b>
WN/3	Providing and fixing pressed steel door/ window/ clearstory window frames of size 80x55mm manufactured from C.R. sheet of 1.25 mm thick, with necessary lugs, base ties, hinges, hold fast etc. complete including making good wall and floor. The frame shall be coated with a coat of coaltar paint and filled with cement concrete 1:2:4 mix.	R.M.	<b>226.24</b>
WN/4	Providing, fitting & fixing 5 mm to 6 mm thick plain glass for door & window in all position up to a height of 7.5 m or more height where there is approach including supply & fixing of putty, glazing clips, rubber packing to retain the glass in position etc. , cutting to size & removal of broken glass, old putty etc. up to a distance of 100 M all complete as directed by Engineer in charge	Sqm	<b>855.49</b>
WN/5	Providing and fixing 30 mm thick shutter seasoned pia salwood 1/4th glazed and 3/4th panelled window shutter including fixing in position and fixing of fitting with cleats and blocks (cost of fittings excluded but cost of 24 OZ glass and putty included).	Sqm	<b>1,628.48</b>
WN/6	Providing and fixing 30 mm thick shutter seasoned pia salwood fully glazed window shutter including fixing in position and fixing of fitting with cleats and blocks (cost of fittings excluded but cost of 24 OZ glass and putty included).	Sqm	<b>1,494.78</b>
WN/7	Providing and fixing seasoned pia salwood both for single and double leaf of fully panelled door shutter including fixing in position and fixing of fittings with cleats and blocks (cost of frame and fittings excluded).		
	(a) 38 mm thick shutter	Sqm	<b>2,140.38</b>
	(b) 30 mm thick shutter	Sqm	<b>1,916.15</b>
WN/8	Providing and fixing seasoned pia salwood moulded beading to door, window and ceiling frame with iron screws complete.		
	(a) Size 50x25 mm	R.M.	<b>84.25</b>
	(b) Size 25x12 mm	R.M.	<b>28.15</b>

WN/9	Providing and fixing fibre reinforced plastic door shutter of required size of approved manufacturer fitted with 3 nos M.S. hinges of 75 mm size with necessary screws, 1 no aluminium tower bolt 225 mm size fixed in steel/wooden frame complete. Shutter made on a frame work of 45x45x3 mm thick M.S. square channel 2nos vertical and 3 nos horizontal and panel 3 mm thick.	Sqm	<b>1,580.24</b>
WN/10	Providing and fixing M.S. round or square bar at required spacing in frame of window, clear-story window and other wooden frame.	Kg	<b>37.57</b>
WN/11	Fixing M.S. round or square bar at required spacing in frame of window, clear-story window and other wooden frame.	Kg	<b>2.74</b>
WN/12	Providing and fixing rolling shutter of approved make, made of 80x1.25 mm M.S. latches inter locks together through their entire length and joined together at the end by locks mounted on spirally designed pipe shaft with brackets side guides an arrangement front side & outside locking with push & pull operation including 27.5 cm long wire spring grade no. 2, top cover & ball bearing etc. complete.	Sqm	<b>2,471.92</b>
WN/13	Providing and fixing ball bearing for rolling shutter.	Each	<b>353.61</b>
WN/14	Providing and fixing 16mm thick door/window shutter in cement bonded particle board of Bison or equivalent brand conforming to IS: 14276 & BIS: CML-6143254, covering the edge with aluminium U-clip,3 nos of 10" size MST hinges, 1 no aluminium door bolt of size 10", 2 nos aluminium handles of size 5" and 1 no tower bolt of size 6" with necessary screws, bolts, nuts etc fixed in steel/wooden frame complete.	Sqm	<b>1,029.98</b>
WN/15	Providing and fixing expanded metal 20x60 mm mesh strands 3.25 mm wide and 1.60mm thick for windows etc. including 62x19mm beading of seasoned pia-sal wood.	Sqm	<b>306.24</b>
WN/16	Providing and fixing in position collapsible steel shutters with vertical channels 20mmx10mmx2mm and braced with flat iron diagonals 20mmx5mm size with top and bottom rails of T-iron 40mmx40mmx6mm with 38mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles complete.	Sqm	<b>1,471.14</b>
WN/17	Providing & fixing solid core flush door both sides Teak Veneer hot pressed bonded with Phenol Formal Dehyde Synthetic Resin Termite proof shutter 32mm.thick excluding fitting but including polishing complete of REGAL brand or equivalent.	Sqm	<b>2,084.34</b>
WN/18	Providing & fixing solid core flush door both sides Commercial Veneer hot pressed bonded with Phenol Formal Dehyde Synthetic Resin Termite proof shutter 32mm.thick excluding fitting of REGAL brand or equivalent.	Sqm	<b>1,539.00</b>
<b>CHAPTER-V (PLASTER AND FLOORING)</b>			
PF/1	Stripping of old plaster including racking prior to replastering.	Sqm	<b>7.05</b>
PF/2	Racking out joints prior to repointing/ replastering.	Sqm	<b>9.29</b>

PF/3	12 mm cement plaster 1:6 (1 cement:6 sand)	Sqm	<b>53.33</b>
PF/4	20 mm cement plaster 1:6 (1 cement:6 sand)	Sqm	<b>77.44</b>
PF/5	6 mm cement plaster to ceiling 1:4 (1 cement:4 sand)	Sqm	<b>45.24</b>
PF/6	Neat cement punning.	Sqm	<b>20.75</b>
PF/7	Raised and cut pointing on stone work with cement mortar 1:3(1 cement:3 sand).	Sqm	<b>64.89</b>
PF/8	Cement pointing in hollow block masonry with cement mortar 1:3(1 cement: 3 sand).	Sqm	<b>35.17</b>
PF/9	Flat brick flooring with cement mortar 1:6(1 cement:6 sand).	Sqm	<b>272.02</b>
PF/10	Brick on edge flooring with cement mortar 1:6(1 cement:6 sand).	Sqm	<b>286.45</b>
PF/11	Dry flat brick flooring including filling joint with sand.	Sqm	<b>223.29</b>
PF/12	Dry brick on edge flooring including filling joint with sand.	Sqm	<b>237.72</b>
PF/13	25 mm thick cement concrete flooring 1:2:4(1 cement:2 sand:4 graded stone aggregate 12.50 mm nominal size) finished with a floating coat of neat cement.	Sqm	<b>137.38</b>
PF/14	40 mm thick cement concrete flooring 1:2:4(1 cement:2 sand:4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement.	Sqm	<b>195.81</b>
PF/15	Extra for making chequeres of approved pattern on cement concrete floors, steps landing, pavements etc.	Sqm	<b>11.30</b>
PF/16	40 mm thick marble chips flooring rubbed and polished to granolithic finish under layer 34 mm thick cement concrete 1:2:4 (1 cement:2 sand:4 graded stone aggregate 12.5 mm nominal size) and top layer 6 mm thick with white black or white and black marble chips of sizes from 1 mm to 4 mm nominal size laid in cement marble powder mix 3:1 (3 cement:1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix:7 marble chips by volume), dark shade pigment with ordinary cement.	Sqm	<b>432.65</b>
PF/17	Marble chips skirting 18mm thick rubbed and polished to granolithic finish with under layer 12mm thick cement plaster 1:3 and top layer 6 mm thick with white black or white and black marble chips of sizes from smallest to 4 mm nominal size laid in cement marble powder mix 3:1(3 cement:1 marble powder) by weight in proportion of 4:7(4 cement marble powder mix: 7 marble chips) by volume, dark shade pigment with ordinary cement	Sqm	<b>409.31</b>
PF/18	Providing and fixing 7 mm thick (min) marble tiles on wall and floor in cement mortar1:3 (1 cement:3 sand) including surface preparation and joint filled with suitable materials, cleaning and plastering to finish all complete.	Sqm	<b>1,018.85</b>

PF/19	Clearing and polishing the old mosaic floors including cutting with machine by using suitable chemicals and other ingredients and polishing with wax complete with all lead and lift as per direction of Engr-In-charge.	Sqm	<b>30.58</b>
PF/20	Providing, fixing and laying ceramic tiles plain/coloured/printed of minimum thickness 5.5 mm in wall & minimum 8mm thick in floor of Johnson/NITCO / Somany / City / Euro / Kajaria / Swastik brand including base and joint filled with white cement and colour pigment (for colour tiles) complete as per direction of Engr-In-charge.		
	a. Floor in 25mm thick cement concrete 1:2:4 mix	Sqm	<b>789.42</b>
	b. Wall in 12mm thick cement mortar 1:3	Sqm	<b>756.44</b>
PF/21	Providing and fixing marble slab of minimum thickness 18 on floors in cement mortar(1:3) including surface preparation and joints filled with suitable material, cleaning and polishing to finish.	Sqm	<b>1,190.55</b>
PF/22	Providing and fixing vinyl flooring 1.5mm thick on existing floor after through cleaning and providing uniform coat of approved adhesive as per the direction of Engr-In-charge.	Sqm	<b>481.69</b>
PF/23	Providing and fixing Kadappa stones of minimum thickness of 20 mm in floors in cement mortar(1:3) including surface preparation and joints filled with suitable material, cleaning and polishing to finish.	Sqm	<b>655.96</b>
PF/24	Providing and fixing Chequered tiles of concrete of thickness minimum 20mm , hydraulic pressed, minimum size 250x250mm, approved shape, topping with standard oxide pigment ,strength minimum 3 N per square mm on walls and floors in cement mortar(1:3) including surface preparation and joints filled with suitable material, cleaning etc. all complete.	Sqm	<b>378.70</b>
PF/25	Providing, fixing and laying Jointless vitrified ( glossy/ matt finish) tile, full body plain / colour/ dark colour, size minimum 600x600mm, 10 mm thick in floor and wall of Johnson / NITCO / Somany / Euro / City / Kajaria / Swastik brand with tilo-fix / cement slurry /cement plaster (12 mm thick)/cement concrete(25mm thick) or equivalent adhesive and jointed with required colour cement slurry complete as per direction of Engr.-in-Charge.	Sqm	<b>1,101.59</b>
PF/26	Providing, fixing and laying 60mm to 65 mm thick hydraulic compacted precast interlocking block of maximum size 250 mm X 150 mm of approved shape & colour, topping with standard oxide pigment, minimum strength 90 Kg per square cm over a already properly prepared sand layer and spreading fine sand over the paved blocks and compacting including cost of all material, transporting to site all complete.	Sqm	<b>532.41</b>

PF/27	Providing & fixing Khandelite stone tile 20mm thick incl. cutting where necessary to match the shape & profile on vertical/ horizontal/slope surface in superior decorative manner, finishing the joints with matching colour putty on finished surface with quick setting white cement paste on back side of Khandelite stone tile at all position & height of bldg/shade/canopy etc. The surface is to be chipped & required cement mortar (1:6) will be laid/required adhesive (Dendrite or equivalent) on steel surface to receive the tile as per direction of Engineer in charge. The rate includes cost of all materials, labours, tools & tackles, taxes and duties, transportation etc. all complete.	Sqm	<b>614.27</b>
PF/28	Providing, fixing and laying glass glazed tiles (white or colours) of minimum thickness 5.5 mm or above in floors, walls etc with white cement mortar 1:3 (1 cement : 3 sand) and / or as per specification / requirements and joints filled with white cement and colour tiles including surface preparations, true to line and level including all tools and tackles complete, as per the direction of the Engineer in charge.	Sqm	<b>1,085.70</b>
PF/29	Providing & fixing polished colour granite tile 10 to 12mm thick incl. cutting where necessary to match the shape & profile on vertical/ horizontal/slope surface in superior decorative manner, finishing the joints with matching colour putty on finished surface with quick setting white cement paste on back side of granite tile at all position & height of bldg/shade/canopy etc. The surface is to be chipped & required cement mortar (1:6) will be laid to receive the tile as per direction of Engineer in charge. The rate includes cost of all materials, labours, tools & tackles, taxes and duties, transportation etc. all complete.	Sqm	<b>1,239.89</b>
PF/30	Providing and fixing polished colour granite slab of minimum thickness 18 on floors / wall in cement mortar(1:3) including surface preparation and joints filled with suitable material, cleaning and polishing to finish.	Sqm	<b>1,610.05</b>
PF/31	Polishing and cleaning of statue like Gopabandhu, Bisra Munda etc using oxalic acid and wax polish with necessary arrangement and scaffolding.	Each	<b>664.76</b>
<b>CHAPTER-VI (FINISHING)</b>			
FN/1	Removing paint and distemper by scrapping, sand papering and preparing the surface smooth including necessary repair to scratches etc complete.	Sqm	<b>3.71</b>
FN/2	Removing white or colour wash by scrapping, sand papering and preparing the surface smooth including necessary repair to scratches etc complete.	Sqm	<b>2.66</b>
FN/3	White washing with KATNI lime on new/old work to give an even shade.		
	(a) One coat	Sqm	<b>3.17</b>
	(b) Two coats	Sqm	<b>5.12</b>
FN/4	Colour wash with PILAMITI on new/old work to give an even shade.		
	(a) One coat	Sqm	<b>3.83</b>
	(b) Two coats	Sqm	<b>6.84</b>
FN/5	Colour wash with lime, colour of approved make & shade on new/old work to give an even shade.		
	(a) One coat	Sqm	<b>3.42</b>
	(b) Two coats	Sqm	<b>6.01</b>

FN/6	Cement wash one coat as per the direction of the Engr-In-charge.	Sqm	<b>2.65</b>
FN/7	Finishing walls with cement paint (Snowcem or equivalent make) of approved manufacture and of required shade on new/old work to given an even shade as per direction of Engr.-in- Charge.		
	(a) One coat	Sqm	<b>15.49</b>
	(b) Two coats	Sqm	<b>24.49</b>
FN/8	Applying one coat cement primer of Asian / Shalimar / Berger / Johnson / Nerolac brand as approved by the Engr-In-charge on wall surface including all lead and lift.	Sqm	<b>17.14</b>
FN/9	Applying one coat cement primer of Asian / Shalimar / Berger / Johnson / Nerolac brand as approved by the Engr-In-charge on wall surface including all lead and lift over a coat of priming of whitening to give an even shade and surface.	Sqm	<b>21.71</b>
FN/10	Distempering with oil bound washable distemper of Asian / Shalimar / Berger / Johnson / Nerolac brand and shade as approved by the Engr-In-charge on new/old work to give an even shade.		
	(a) One coat	Sqm	<b>15.81</b>
	(b) Two coats	Sqm	<b>24.30</b>
FN/11	Applying priming coat with ready mixed primer of Asian / Shalimar / Berger / Johnson / Nerolac brand on wood / steel / masonry work complete.	Sqm	<b>16.62</b>
FN/12	Painting with Plastic Emulsion paint of Asian / Shalimar / Berger / Johnson / Nerolac brand as approved by the Engr-In-charge on new / old work to give an even shade.		
	(a) One coat	Sqm	<b>33.02</b>
	(b) Two coats	Sqm	<b>51.79</b>
FN/13	Painting with ready mixed paint of Asian / Shalimar / Berger / Johnson / Nerolac brand as approved by the Engr-In-charge in all shades on new/old work to give an even shade.		
	(a) One coat	Sqm	<b>20.38</b>
	(b) Two coats	Sqm	<b>31.40</b>
FN/14	Painting one coat with aluminium paint of approved brand and manufacture on steel / wood work to give an even shade.	Sqm	<b>20.43</b>
FN/15	Varnishing one coat on wood work with copal varnish of approved brand and manufacture.	Sqm	<b>20.32</b>
FN/16	Varnishing two coat on wood work with copal varnish of approved brand and manufacture on new work including an under coat of transparent wood filler).	Sqm	<b>54.08</b>
FN/17	French spirit polishing one coat on old work.	Sqm	<b>45.76</b>
FN/18	French spirit polishing two coat on new work including a coat of wood filler.	Sqm	<b>80.43</b>
FN/19	Coal tarring on new / old work.		
	(a) One coat	Sqm	<b>8.41</b>
	(b) Two coats	Sqm	<b>14.04</b>

FN/20	Providing and painting with Exterior emulsion paint like ACE paint of Asian make or any other approved make after cleaning, scraping, & removing all loose old paints etc on the existing surface at all position as per direction of Engr.-In-charge.		
	a) One coat	Sqm	<b>22.39</b>
	b) Two coats	Sqm	<b>34.76</b>
FN/21	Painting one coat with black board paint of approved brand and manufacture to give an even shade.	Sqm	<b>22.09</b>
<b>CHAPTER-VII (ROOFING)</b>			
RF/1	Corrugated asbestos cement sheets roofing (7 mm thick) fixed with galvanised iron J or L hooks, bolts and nuts 8 mm dia G.I. Plain, bitumen washers complete.		
	(a) Including cost of sheet and other materials.	Sqm	<b>251.33</b>
	(b) Excluding cost of sheet but including cost of other materials.	Sqm	<b>36.48</b>
RF/2	Providing and fixing ridges and hips in asbestos cement roofing with G.I. J or L hooks, bolts and nuts 8 mm dia G.I. plain and bitumen washers complete.		
	(a) Including cost of ridge/valley and other materials.	R.M.	<b>221.92</b>
	(b) Excluding cost of ridge/valley but including cost of other materials.	R.M.	<b>16.17</b>
RF/3	Corrugated G.I. Sheet roofing fixed with G.I. 'J'or'L' hooks, G.I. Limpet and bitumen washer complete including cutting and drilling etc complete. (excluding the cost of sheet).	Sqm	<b>72.02</b>
RF/4	Ridges and valleys 900 mm overall in plain G.I. Sheet fixed with G.I. 'J'or'L' hooks, G.I. Limpet and bitumen washer complete including manufacturing the ridges and valleys. (excluding cost of G.I. plain sheet only).	R.M.	<b>82.16</b>
RF/5	Providing and fixing 100 mm dia H.C.I. pipe with M.S. holder clamps fixed on wall face including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2(1 cement:2 sand) including cost of all materials and lift upto 10.00 mtr.	R.M.	<b>584.37</b>
RF/6	Providing and fixing 100 mm dia H.C.I. shoe fixed on wall face including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2(1 cement:2 sand) including cost of all materials and lift upto 10.00 mtr.	Each	<b>260.06</b>
RF/7	Providing and fixing 100 mm dia H.C.I. bend fixed on wall face including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2(1 cement:2 sand) including cost of all materials and lift upto 10.00 mtr.	Each	<b>280.28</b>
RF/8	Providing and fixing M.S. wind tie with M.S. flat of required section including drilling holes etc complete.	Kg	<b>38.13</b>
RF/9	Providing and fixing 1.5 mm thick transparent corrugated Fibre sheet as per direction of Engr.-in-charge.	Sqm	<b>770.46</b>



RF/10	Repair of existing Hydro-insulation by laying with one layer of Hessian base self finished felt Type - 3 Grade - I of approved make & conforming to IS : 1322 on the roof & over chajja after application of Bitumen primer conforming to IS: 3384 on the surface to be waterproofed & Hot applied bitumen conforming to IS:702 or IS: 73 or a mixture thereof, as bonding material, at a minimum rate of 1.2 kg per sqm. and finished with Pea Gravel @ 0.008 cbm. per sqm. and on vertical surfaces with bituminous painting as per, manufacturers specifications incl. removing old and damaged treatment such as tarfelt & painting etc. from the roof surface by scrapping with chisels etc. as per direction of Engineer-in Charge incl. cost of all labour & material all complete.	Sqm	<b>227.89</b>
<b>CHAPTER-VIII (WATER SUPPLY)</b>			
WS/1	Providing and fixing G.I. Pipe complete with G.I. Fittings and clamps, including cutting and making good the walls etc. (Internal Work).		
	(a) 15 mm nominal bore	R.M.	<b>112.54</b>
	(b) 20 mm nominal bore	R.M.	<b>134.76</b>
	(c) 25 mm nominal bore	R.M.	<b>186.79</b>
WS/2	Providing and fixing G.I. Pipe complete with G.I. fittings including trenching and refilling etc. (External Work).		
	(a) 15 mm nominal bore	R.M.	<b>97.17</b>
	(b) 20 mm nominal bore	R.M.	<b>116.41</b>
	(c) 25 mm nominal bore	R.M.	<b>162.28</b>
	(d) 40 mm nominal bore	R.M.	<b>216.08</b>
WS/3	Providing and fixing 15 mm nominal bore ,250 gm weight brass bib-cock of approved quality.	Each	<b>230.49</b>
WS/4	Providing and fixing brass stop-cock of approved quality.		
	(a) 15 mm nominal bore, 250gm weight.	Each	<b>224.52</b>
	(b) 20 mm nominal bore, 400gm weight.	Each	<b>369.33</b>
	(c) 25 mm nominal bore, 500gm weight.	Each	<b>490.25</b>
WS/5	Providing and fixing high or low pressure ball cock body with epoxy coated Al. rod & HD Ball of approved quality complete.		
	(a) 15 mm nominal bore.	Each	<b>208.49</b>
	(b) 20 mm nominal bore.	Each	<b>238.52</b>
	(c) 25 mm nominal bore.	Each	<b>480.17</b>
WS/6	Providing and fixing 100 mm dia C.P. brass shower rose with 15 or 20 mm inlet.	Each	<b>121.52</b>
WS/7	Providing and fixing 15 mm dia brass ferrule with G.I. Ball mouth cover including boring and tapping the main.	Each	<b>218.55</b>
WS/8	Making connection of G.I. distribution branch with G.I. main 25 mm to 40 mm nominal bore by providing and fixing Tee, long screws including cutting and threading the pipe etc. complete.	Each	<b>215.49</b>

WS/9	Making connection of G.I. distribution branch with G.I. main by providing and fixing ferrule, long screws, cutting and threading pipes etc including boring, tapping the main, earth excavation and refilling etc. complete.		
	(a) 15 mm nominal bore	Each	<b>254.38</b>
	(b) 20 mm nominal bore	Each	<b>297.67</b>
WS/10	Providing and fixing Orissa pattern WC pan white glazed earthenware 500 mm size of make Parryware / Cera / Bell / Nycer / Hindware as per IS:9758.	Each	<b>1,133.36</b>
WS/11	Providing and fixing Indian type white glazed earthenware W.C. pan of Size 580mm & make Parryware / Cera / Bell / Nycer / Hindware as per IS:9758.	Each	<b>639.55</b>
WS/12	Providing and fixing white glazed earthenware Foot rest for IWC of make Parryware or equivalent as per IS:9758.	Pair	<b>116.04</b>
WS/13	Providing and fixing PVC waste pipe as per IS:4984 for sink/wash basin complete.	Each	<b>56.73</b>
WS/14	Providing and fixing 10.00 lit low down PVC cistern conforming to IS:7231/1994, ISI mark with all fitting and fixture complete.	Each	<b>636.55</b>
WS/15	Providing and fixing white glazed earthenware S-type or P-type trap as per IS:9758.	Each	<b>86.66</b>
WS/16	Providing and fixing 100mm CI grating of approved quality in floor in position.	Each	<b>38.01</b>
WS/17	Cleaning of G.I. / Masonary / Sintex overhead water storage tanks including removal of fungus, silt etc. from inside surface of tanks by using bleaching powder with all lead and lifts etc complete.	Each	<b>9.58</b>
WS/18	Providing and fixing Geyser safety valve as per IS:3233.	Each	<b>186.13</b>
WS/19	Providing and fixing white glazed earthenware wash basin 550x400mm of Parryware, Cera, Bell, Nycer, Hindware including making all connection complete as per IS:2556.	Each	<b>877.79</b>
WS/20	Providing and fixing 15mm nominal bore CP brass lift cock of make Jasson or equivalent.	Each	<b>156.66</b>
WS/21	Providing and fixing 15mm nominal bore PTMT push cock as per IS:10124.	Each	<b>126.31</b>
WS/22	Providing and fixing 15mm nominal bore PTMT pillar cock as per IS:10124.	Each	<b>178.81</b>
WS/23	Providing and fixing European type WC pan of make Parryware, Cera, Bell, Nycer, Hindware including plastic seat with lid, CP brass hinges, rubber buffers etc complete. as per IS:9758.	Each	<b>1,265.60</b>
WS/24	Providing and fixing handle of approved quality for PVC LD cistern.	Each	<b>108.21</b>
WS/25	Providing and fixing float valve set of approved quality of PVC LD cistern.	Each	<b>174.36</b>

WS/26	Providing and fixing plastic seat for European type W.C. pan with C.P. brass hinges, rubber buffers etc. complete.	Each	<b>253.52</b>
WS/27	Providing and fixing 38mm CP brass waste for sink/wash basin complete all.	Each	<b>124.83</b>
WS/28	Providing and fixing 600x450 mm bevelled edge mirror of approved quality and brand complete with 6mm asbestos sheet ground fixing to wooden cleats with CP brass screws and washers.	Each	<b>591.76</b>
WS/29	Providing and fixing 450x300 mm bevelled edge mirror of approved quality and brand complete with 6mm asbestos sheet ground fixing to wooden cleats with CP brass screws and washers.	Each	<b>430.32</b>
WS/30	Providing and fixing 600x125 mm glass shelves of approved quality complete with CP guard rail, CP brass bracket with 5.5mm thick glass and fitting complete as directed by Engr.-In-Charge.	Each	<b>413.52</b>
WS/31	Providing and fixing 600x20 mm CP brass towel rail of approved quality and brand with CP brass brackets fixed to wooden cleats with CP brass screws .	Each	<b>238.79</b>
WS/32	Providing and fixing 15mm PVC connection pipe of approved quality and brand.	Each	<b>72.63</b>
WS/33	Providing and fixing 100 mm dia CP brass grating of approved quality and brand in floor in position.	Each	<b>62.21</b>
WS/34	Providing and fixing 15 mm CP brass bib cock of approved make and brand.	Each	<b>385.15</b>
WS/35	Providing and fixing 15mm dia CP brass stop cock of approved make and brand	Each	<b>385.15</b>
WS/36	Providing and fixing 100 mm PVC soil & vent pipe of IS mark.	RM	<b>131.01</b>
WS/37	Providing and fixing 100mm dia PVC P or S trap (IS Mark).	Each	<b>207.54</b>
WS/38	Providing and fixing 100 dia PVC bend of required degree with access door complete.	Each	<b>108.31</b>
WS/39	Providing and fixing 100 dia PVC plain bend of required degree.	Each	<b>81.72</b>
WS/40	Providing and fixing 100x100x100 mm dia PVC branch of required degree with access door complete.	Each	<b>138.14</b>
WS/41	Providing and fixing porcelain kitchen sink of size 600x400x250mm of Parryware ,Cera, Bell, Nycer, Hindware with all complete.	Each	<b>3,412.90</b>
WS/42	Providing and fixing porcelain drain board of size 550x470mm of Parryware ,Cera, Bell, Nycer, Hindware with all complete.	Each	<b>1,201.94</b>

WS/43	Providing and fixing sanitary fittings of make Jaquar/Laurete/ARK/Plumber /Astra.		
	a - CP concealed stop cock	each	<b>851.21</b>
	b - CP hand shower	each	<b>529.21</b>
	c - CP wash basin mixer	each	<b>2,955.74</b>
	d - CP bath mixer tap	each	<b>3,477.82</b>
	e - CP cascade butterfly	each	<b>553.86</b>
	f - PVC cistern syphone.	each	<b>514.95</b>
WS/44	Providing, laying and jointing of salt glazed stone ware pipes with cement mortar 1:1 (cement :sand) incl. testing of joints etc. complete		
	a) 100 mm dia	R.M.	<b>117.57</b>
	b) 150 mm dia	R.M.	<b>179.46</b>
	c) 225 mm dia	R.M.	<b>417.07</b>
	d) 300 mm dia	R.M.	<b>551.97</b>
WS/45	Providing and fixing of CI bracket for different size of CI cistern and wash basin, sink etc.	each	<b>41.34</b>
WS/46	Providing and fixing PVC inlet connection for Flush pipe connecting with W/C pan.	each	<b>63.54</b>
WS/47	Providing and fixing 15mm C.P. brass pillar taps (Min.wt.-400 gms).	each	<b>439.45</b>
WS/48	Providing and fixing GI Elbow of approved quality.		
	(a) 15 mm nominal bore.	each	<b>18.75</b>
	(b) 20 mm nominal bore.	each	<b>28.42</b>
	(c) 25 mm nominal bore.	each	<b>43.83</b>
WS/49	Providing and fixing GI Tee of approved quality.		
	(a) 15 mm nominal bore.	each	<b>25.56</b>
	(b) 20 mm nominal bore.	each	<b>39.29</b>
	(c) 25 mm nominal bore.	each	<b>58.88</b>
WS/50	Providing and fixing GI Union of approved quality.		
	(a) 15 mm nominal bore.	each	<b>44.31</b>
	(b) 20 mm nominal bore.	each	<b>62.82</b>
	(c) 25 mm nominal bore.	each	<b>85.03</b>
WS/51	Providing and fixing GI Socket of approved quality.		
	(a) 15 mm nominal bore.	each	<b>16.24</b>
	(b) 20 mm nominal bore.	each	<b>21.44</b>
	(c) 25 mm nominal bore.	each	<b>32.60</b>
	(d) 40 mm nominal bore.	each	<b>56.49</b>
WS/52	Providing and fixing CPVC food grade Pipe (SDR-13.5) conforming to BIS/15778 complete with CPVC Fittings and clamps, including cutting and making good the walls etc. (Internal Work).		
	(a) 15 mm nominal bore	R.M.	<b>101.08</b>
	(b) 20 mm nominal bore	R.M.	<b>123.11</b>
	(c) 25 mm nominal bore	R.M.	<b>151.77</b>

WS/53	Providing and fixing CPVC food grade Pipe (SDR-13.5) conforming to BIS/15778 complete with CPVC Fittings and clamps, including cutting and making good the walls etc. (External Work).		
	(a) 15 mm nominal bore	R.M.	<b>87.01</b>
	(b) 20 mm nominal bore	R.M.	<b>106.08</b>
	(c) 25 mm nominal bore	R.M.	<b>131.22</b>
	(d) 40 mm nominal bore	R.M.	<b>248.53</b>
WS/54	Providing and fixing 15 mm nominal bore PTMT Food grade bib-cock of approved quality.	Each	<b>117.24</b>
WS/55	Providing and fixing PTMT food grade stop-cock of approved quality.		
	(a) 15 mm nominal bore	Each	<b>117.24</b>
	(b) 20 mm nominal bore	Each	<b>144.21</b>
WS/56	Providing and fixing PTMT food grade ball valve of approved quality.		
	(a) 15 mm nominal bore	Each	<b>231.89</b>
	(b) 20 mm nominal bore	Each	<b>291.33</b>
	(c) 25 mm nominal bore	Each	<b>348.66</b>
WS/57	Providing & Fixing CPVC Elbow.		
	(a) 15 mm nominal bore	Each	<b>16.06</b>
	(b) 20 mm nominal bore	Each	<b>26.54</b>
	(c) 25 mm nominal bore	Each	<b>51.59</b>
WS/58	Providing & Fixing CPVC Tee.		
	(a) 15 mm nominal bore	Each	<b>21.17</b>
	(b) 20 mm nominal bore	Each	<b>42.38</b>
	(c) 25 mm nominal bore	Each	<b>66.53</b>
WS/59	Providing & Fixing CPVC Union.		
	(a) 15 mm nominal bore	Each	<b>143.09</b>
	(b) 20 mm nominal bore	Each	<b>227.29</b>
	(c) 25 mm nominal bore	Each	<b>255.41</b>
WS/60	Providing & Fixing CPVC socket.		
	(a) 15 mm nominal bore	Each	<b>12.74</b>
	(b) 20 mm nominal bore	Each	<b>21.31</b>
	(c) 25 mm nominal bore	Each	<b>34.98</b>
	(d) 40 mm nominal bore	Each	<b>86.73</b>
WS/61	Providing and fixing flat back or angular tipped front urinal basin of 430 x 260 x 350 mm or 340 x 430 x 265 mm size of white vitreous china glazed earthen ware of Make-Parry/Hindware/Bell/Nycer.	Each	<b>719.82</b>
WS/62	Providing & Fixing tap of Jaquar Make MEDI SERIES, single lever wall mixer swinging spout with surgical purpose handle	Each	<b>5,940.43</b>
	<b>CHAPTER-IX (DISMANTLING)</b>		
DM/1	Dismantling of brick work in cement mortar including stacking of serviceable material and disposal of unserviceable materials within 50.00 mtr.	Cbm	<b>261.80</b>

DM/2	Dismantling of lime concrete / lime terrace including removal of debris upto 50.00 mtr.	Cbm	<b>125.40</b>
DM/3	Dismantling cement concrete 1:4:8 or leaner mix including removal of debris upto 50.00 mtr.	Cbm	<b>191.18</b>
DM/4	Dismantling of rubble stone masonry in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50.00 mtr.	Cbm	<b>312.18</b>
DM/5	Dismantling granolithic flooring, cement flooring and DPC 25 mm thick by chisel without disturbing the bottom concrete/ brick work including removal of debris upto 50.00 mtr.	Sqm	<b>7.77</b>
DM/6	Dismantling G.I. Sheets roofing including ridges, hips, valleys and gutters etc and stacking the material within 50.00 mtr lead.	Sqm	<b>21.63</b>
DM/7	Dismantling asbestos Sheets roofing including ridges, hips, valleys and gutters etc and stacking the material within 50.00 mtr lead.	Sqm	<b>10.30</b>
DM/8	Dismantling of steel structures such as columns, roof trusses, including removal of rivets nuts, bolts, cleats, etc. and cutting welded joints etc. and stacking within a lead of 30M.	MT	<b>875.93</b>
DM/9	Dismantling of false ceiling including bringing down carefully and disposal of unserviceable materials with in 100 m lead.	Sqm	<b>11.67</b>
DM/10	Dismantling reinforced cement concrete including removal of debris upto 50.00 mtr. and depositing of salvaged reinforcement at Town Engineering stores / booth.	Cbm	<b>332.42</b>
	<b>CHAPTER-X (MISCELLANEOUS)</b>		
MS/1	Providing and fixing plain A.C. sheet 4 mm thick ceiling of approved quality with necessary screws etc complete. (Frame work to be paid separately.)	Sqm	<b>267.01</b>
MS/2	Providing and fixing 4 mm thick teak ply wood panelling fixed in frame with necessary screws, nail, adhesives etc. (frame work will be paid separately).	Sqm	<b>839.70</b>
MS/3	Providing and fixing 12 mm thick laminated board in wall/ceiling of approved make and shade, design of frame work. (frame work will be paid separately).		
	a. One side laminated	Sqm	<b>959.00</b>
	b. Two side laminated	Sqm	<b>1,058.39</b>
MS/4	Providing and fixing commercial ply of approved make in wall/ceiling with necessary screws, nail, adhesives etc complete. (frame work will be paid separately).		
	a. 4mm thick	Sqm	<b>192.91</b>
	b. 12mm thick	Sqm	<b>452.38</b>
	c. 19mm thick	Sqm	<b>636.14</b>

MS/5	Supply and fixing of Celatex board / particle board of approved make of 10 mm thick (minimum) for false ceiling on the erected structural members, sunk headed screws complete in all respect as directed by Engr. In-charge.	Sqm	<b>463.90</b>
MS/6	Providing and fixing sunmica on plywood panelling with necessary screws and adhesive.	Sqm	<b>664.76</b>
MS/7	Providing gate post of mix 1:2:4(1 cement:2 sand:4 stone ballast 20 mm nominal size) of size 0.15x.015x1.83 Mtr including 4 nos of 10 mm dia M.S. rod as main reinforcement, 6 mm dia M.S. rod as stirrups @230 mm c/c, 2 nos 16 mm dia M.S. rod for hanging the gate, rendering the exposed surface etc complete with all lead and lift.	Each	<b>412.38</b>
MS/8	Removing R.C.C. gate post/ fence post from its position, including necessary earth work and dismantling concrete wherever necessary.	Each	<b>36.14</b>
MS/9	Fixing R.C.C. gate post/ fence post in position including necessary earth work as per direction of the Engr-In-charge. (concrete to be paid separately).	Each	<b>11.59</b>
MS/10	Providing fence post of mix 1:2:4(1 cement:2 sand:4 stone ballast 20 mm nominal size) of size 1.83m long with bottom cross section 127x127mm upto 0.46m and topping uniformly to top cross section 102x102mm including 4 nos of 6 mm dia M.S. rod as main reinforcement, 7 Nos 6 mm dia M.S. rod as stirrups, 8 Nos 6mm dia hooks as per drawing and direction of the Engr-In-charge, rendering the exposed surface etc complete .	Each	<b>205.91</b>
MS/11	Providing and fixing of 10 SWG woven wire(9 nos rows and 49" width) for fencing with the existing R.C.C./angle iron/wooden fence posts true to line and as per the direction of the Engr-In-charge.	RM	<b>138.42</b>
MS/12	Fixing of woven wire for fencing with the existing R.C.C./angle iron/wooden fence posts true to line and as per the direction of the Engr-In-charge. (cost of woven wire excluded).	RM	<b>7.06</b>
MS/13	Providing and fixing of barbed wire of thickest barb two ply, four points @4" c/c for fencing with the existing R.C.C./angle iron/wooden fence posts true to line and as per the direction of the Engr-In-charge.	Kg	<b>71.07</b>
MS/14	Fixing of barbed wire for fencing with the existing R.C.C./angle iron/wooden fence posts true to line and as per the direction of the Engr-In-charge. (cost of barbed wire excluded).	Kg	<b>4.80</b>
MS/15	Providing and fixing GI chain link wire mesh 10 gauge for fencing (IS:2721) with existing angle iron posts, true to line and welding the mesh with angle / flat / posts etc as per the direction of Engineer in-charge complete.		
	a. GI chain link wire mesh of 20mm x 20mm	Sqm	<b>774.96</b>
	b. GI chain link wire mesh of 25mm x 25mm	Sqm	<b>595.82</b>
	c. GI chain link wire mesh of 50mm x 50mm	Sqm	<b>464.45</b>
	d. GI chain link wire mesh of 75mm x 75mm	Sqm	<b>392.80</b>

MS/16	Re-lettering sign board, prohibitory board, maps etc. with multi-colour accolite brand paints in any language (Hindi,Oriya,English) with all lead and lift as per instruction of Engr-In-Charge (Excluding the cost of base painting).	Sqm	<b>119.65</b>
MS/17	Re-lettering the words and figures of house number with black accolite brand paint 12mm thick and 100mm high as per the direction of Engr-In-charge.	Each	<b>5.58</b>
MS/18	Lettering sign board, prohibitory board, maps etc. with multi-colour accolite brand paints in any language (Hindi,Oriya,English) over a coat of base painting with all lead and lift as per instruction of Engr-In-Charge.	Sqm	<b>232.67</b>
MS/19	Providing, fabricating & erecting in position steel structures made of M.S. angle/ channel/ sheet/ flat/ joist/ sq.bar/ MS round etc. for false ceiling frame work / door/ window/ gate/ grill/ structural/ trusses/ posts/ rafter/ purlins etc true to line and level including cutting to required sizes, drilling holes and welding complete as per direction of the Engr-In-charge. (Including cost of all materials).	Kg	<b>47.81</b>
MS/20	Fabricating and erecting structural steel like joist/ channel/ angle in trusses/ posts/ rafter/ purlins in true to line and level including cutting required length. drilling holes and welding etc complete as per the direction of the Engr-In-charge. (Excluding cost of structural steel).	Kg	<b>17.14</b>
MS/21	Providing storage tank of size 1.00 x 1.00 x 0.85 mtr in angle 25x25x5mm iron frame and 1.25mm thick GI sheet, MS flat 25x5 mm on middle of all faces in vertical & horizontal direction as bracings except on top of the tank including cutting and welding the angle, GI sheet, flat, putting putty on the joint, testing the joints complete with GI cover on circular ring made of 25x5 mm MS flat with locking arrangement including painting the angle and flat with anticorrosive paint, with 2" over flow pipe, provision for inlet and out let all complete.	Each	<b>4,115.36</b>
MS/22	Placing & Fixing Storage Water Tank ( on terrace upto roof of 2nd floor ) , connecting the existing inlet, out let, over flow pipes, sealing the joints, making/repair of the pedestal for proper placement of the tank etc including cleaning the tank properly before placement.	Each	<b>525.48</b>
MS/23	Providing and applying anti termite treatment with Chlorpyrisphos / Lindance EC 20 % / Terminator or equivalent brand and manufacture, after removing dust/grease particles etc and preparing surface as per specification and direction of the Engr. In-charge.		
	a. One coat	Sqm	<b>25.72</b>
	b. Two coats	Sqm	<b>50.60</b>
MS/24	Providing, erecting of working platform with appropriate material to work at under side of roof and other similar places in height of more than 5 m but upto height of 15m supporting the platform with full safety to work and removing it after completion of work all complete as per direction of Engr. in charge	Sqm	<b>106.37</b>



MS/25	Providing and fixing PVC rigid foam sheet 1 mm thick manufactured by M/s Rajshri or equivalent on existing door shutters (bathroom and W.C, door) using synthetic rubber based adhesive (Fevicol SR 998 or equivalent)	Sqm	<b>352.95</b>
MS/26	Providing and fixing 30 mm thick factory made PVC rigid foam panelled door shutters manufactured by M/s Rajshri or equivalent made from M.S tube of 19x19 mm , 10 gauge for styles and 15x15 for top and bottom rails, covered with heat moulded prelaminated PVC 'C' channel of 5 mm thick sheet and 30x30 mm wide to form styles and 5 mm thick and 75 mm wide prelaminated PVC sheets for top rail, lock rail and bottom rail on either side and 5 mm thick , 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail, panelling of 5 mm thick PVC sheet prelaminated on both sides fitted in the M.S frame welded/ scaled to the styles and rails with 5x30mm prelaminated PVC sheet beading on either side and joined together with solvent cement adhesive etc. complete as per manufactures specification and direction of Engineer-in-charge fixed frames with 4 nos M.S powder coated butt hinges (For internal shutters)	Sqm	<b>2,434.29</b>
MS/27	Providing and fixing 30 mm thick factory made PVC rigid foam panelled door shutters manufactured by M/s Rajshri or equivalent made from M.S tube of 19 gauge thickness size 19x19 mm for styles and 15x15mm for top and bottom rails covered with heat moulded PVC 'C' channel of 5 mm thick sheet and 50x50 mm wide to form styles and 5 mm thick and 75 mm wide PVC sheets for top rail & bottom rail on either side and 5 mm thick , 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail panelling of 5 mm thick PVC sheet filled in the M.S frame welded/ scaled to the styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesive etc. complete as per manufacturer's specification and direction of Engineer-in-charge fixed frames with 4 nos M.S powder coated butt hinges (For W.C and bathroom shutters)	Sqm	<b>1,956.45</b>
MS/28	Providing and fixing factory made P.V.C. door frame manufactured by M/s Rajshri or equivalent of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet mitred at corners and joined with 2 nos. of 150 mm long brackets of 15x15 mm M.S square tube the vertical door profile to be reinforced with 19x19 mm M.S square tube of 10 gauge EPDM rubber gasket weather seal to be provided through out the frames . the door frame to be fixed to the wall using M.S screws of 65/100 mm size complete as per manufacturer's specification and direction of Engineer-in-charge.	RM	<b>274.50</b>
MS/29	Providing and fixing sun control polyester film such as Gareware or equivalent on the glass panes of door, window, partition including cleaning the glass surface and complete as directed by Engineer-in-charge.		
	a. Reflective	Sqm	<b>557.93</b>
	b. Non-reflective	Sqm	<b>341.29</b>
MS/30	Providing and fixing plaque stone of 3/4" thick black granite stone polished slab including engraving and writing with approved colour as per sketch.	Sqm	<b>5,363.24</b>

MS/31	Providing and fixing of false ceiling made of 12.5 mm thick GYP board, plain / semi-perforated design along with cold form GI channels of IGL standard MF-5 at every 305 mm approx. centre to centre F6(a) perimeter channel hinged by MF-B ceiling angles using standard nuts, bolts, clamps, D526 & P534 MB connecting clip using expandable MS faster and dry wall screws including jointing materials complete as per design and as directed by Engineer in-charge.	Sqm	<b>846.84</b>
MS/32	Providing & fixing 10 mm thick plaster of paris ( Gypsum anhydrous) tray light cornice ( ceiling tiles on curved surface with sunk or raised mouldings) as per direction of Engr.-in-Charge.	RM	<b>204.20</b>
MS/33	Providing and fixing fixed type partly glazed with 5 to 6mm thick plain glass and partly panelled with both side prelaminated board partition of DUROTUF/ ANCHORLAM/ NOVAPAN / KITLAM / NEPAL in Anodised aluminium tube section 2 1/2" x 1 1/2" ( heavy type of 1.5mm and around 0.786 kg./Mtr) with appropriate Aluminium lapped beading, rubber beading, steel putty, steel screws with cup washers, etc. where necessary as directed by Engineer-in-charge.	Sqm	<b>2,043.93</b>
MS/34	Providing and fixing aluminium bubble angle and tee 25x25x1 mm thick fixed etc complete.	R.M.	<b>93.45</b>
MS/35	Repairing aluminium fully glazed, partition etc. with aluminium taper clips(3/4") and 'U' rubber lining and aluminium screws including supply of all material complete in all respect.	Each	<b>232.67</b>
MS/36	Providing and fixing with Anodised Aluminium window frame section 2 1/2" x1 1/2" (Heavy type of 1.5mm thick and around 0.786 KG/Rmt) including 5 to 6 mm thick plain glass with rubber lining and 1/2" x 1/2" Aluminium channel to be fitted on both side by steel screws, steel putty where ever necessary as directed by Engineer -in-charge.	Sqm	<b>1,788.44</b>
MS/37	Providing and fixing Aluminium Grill with Anodised Aluminium window frame section 2 1/2" x1 1/2" (Heavy type of 1.5mm thick and around 0.786 KG/Rmt) and 1/2" x 1/2" Aluminium channel to be fitted on both side by steel screws, steel putty etc. where ever necessary all complete as directed by Engineer -in-charge.	Sqm	<b>2,224.15</b>
MS/38	Providing and fixing floor spring of HARDWYN or equivalent make in all heights for door as directed by Engineer-in-charge.	Each	<b>2,748.72</b>
MS/39	Providing and fixing slim Aluminium door (single leaf) made of approved standard Anodised Aluminium section 2 1/2" X 1 1/2" (Heavy type of 1.5mm thick and around 0.786 Kg/Mtr.) with centre cross bar of 4" X 1 1/2" , with upper panel 5 to 6mm thick plain glass and lower panel will be 6mm thick Phenol Bonded Ply wood pasted with sunglass on both side, of approved quality complete with floor spring, push plate, locking arrangement handles etc. as directed by Engineer-in-charge.	Sqm	<b>5,493.07</b>

MS/40	Providing and fixing slim Aluminium door (single leaf) made of approved standard Anodised Aluminium section 2 1/2" X 1 1/2" (Heavy type of 1.5mm thick and around 0.786 Kg/Mtr.) with centre cross bar of 4" X 1 1/2" , with upper panel 5 to 6mm thick plain glass and lower panel will be 6mm thick Phenol Bonded Ply wood pasted with sunglass on both side, of approved quality complete with all fitting like Hinges, aldrop, locking arrangement handles etc. as directed by Engineer-in-charge.	Sqm	<b>3,537.71</b>
MS/41	Providing & painting with Water based Super Coat thinnable Road Marking white/yellow colour paints to bumps, speed breakers for traffic signs etc of approved make and shade as per instruction of Engg-in-charge. (Cost of all required material included).	Sqm	<b>34.67</b>
MS/42	Planting "Doob" grass/grass seeding to the sides of embankment and other areas as directed in square panel with Doob grass seeding obtained from approved source including applying & spreading damp manure and/or good earth requisite thickness and watering till completion of work at location as per direction of Engg-in-charge.	Sqm	<b>12.18</b>
MS/43	Providing and fixing at all height false ceiling of 3 mm thick PVC rigid foam sheet manufactured by M/s Rajshri or equivalent including providing and fixing of frame work made of special sections power pressed from M.S sheet and galvanised in accordance with zinc coating 600 as per IS:277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 22 mm and 37 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5 mm dia x 40mm long with 6mm dia bolts to the angle hanger of 25x25x5mm of required length, and other end of angle hanger being fixed with nut and bolts to G.I channels 45x15x0.9 mm running at the rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80mm with tapered flanges of 26 mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I channel , with connecting clips made out of 2.64mm diax230mm long G.I wire at every junction including fixing the PVC rigid foam sheet with ceiling section and perimeter channels 0.5 mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/ partition with the help of roll plugs at 450mm c/c with 25mm long drive all screws @ 230mm interval including jointing and fixing but including to a flush finish of the PVC sheet as per manufacturers specification and including the cost of making opening for light fittings grills, diffusers cut outs made with the frame of perimeter channels suitably fixed all complete as per drg. and specifications and as directed by the Engineer in-charge.0.5 mm thick 27 mm high having flanges of 20 mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing but including to a flush finish of the PVC sheet as per manufacturer's specification and including the cost of making opening for light fittings, grills, diffusers, cutouts made with the frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer-in-charge.	Sqm	<b>686.65</b>
MS/44	Providing & fixing PVC window frame of size 50x 43 mm with a wall thickness of 5 mm made out of 5 mm PVC rigid foam sheet , mtr cut at the four corners and joint with four nos. of 75 mm long bracket of 15 x 15 mm MS square in four corners . Four steel screws are fixed in each bracket from out side to permanently hold the choukhat at 90 degree . The window frame is rein forced with 15 x 15 mm MS square tube of 19 gauge (manufactured by M/s. Rajshree or equivalent) .	RM	<b>273.72</b>

MS/45	Providing & fixing PVC factory made PVC window consisting of 25 mm thick PVC rigid foam shutter made out of tubular frame of 19 gauge of size 15 x 15 mm for styles and rails and covered with 5 mm thick heat moulded "C" channel having width of 38 mm thick to form styles and rails on either side . The inner panel may be off 5 mm thick PVC sheet or 5 mm thick glass of acrylic/ wire mesh as desired. The panel is inserted and shield with solvent cement adhesive to the "C" channel and provided with 5 mm x 25 mm PVC sheet beading on all sides (manufactured by M/s. Rajshree or equivalent).	Sqm	<b>2,314.80</b>
MS/46	Providing & Fixing in position false ceiling DUROTUF / ANCHORLAM / BHUTAN / NOVAPAN / KITLAM / NEPAL of 12mm thick forming 600 X 600 mm on 100 X 19mm commercial ply wood frame work 600 X 600 mm in both the direction including screwed/bolted to the existing steel work/frame work & matching the level & joints by plaster of paris & providing suitable opening for lighting, air conditioning fixtures etc. as directed by Engineer in charge. (Rate includes cost of ceiling board & commercial ply wood frame work.)	Sqm	<b>672.35</b>
MS/47	Supply of payloader on hourly basis.	Hour	<b>1297.09</b>
MS/48	Providing & fixing RCC Hume pipes of NP-3 with jointed in stiff mixture of cement mortar in 1:2 proportion etc complete including testing of joints etc as per the direction of Engr. In charge		
	a) 300 mm dia	RM	<b>761.12</b>
	b) 450 mm dia	RM	<b>976.46</b>
	c) 600 mm dia	RM	<b>1,325.46</b>
MS/49	Cleaning of roof surface including removal of vegetation, dry leaves, muck, silt, etc. from roof surface & cleaning of downcomer pipes with all lead and lifts etc complete and removal of rubbish up to a distance of 50 mtr. outside the premises.	Each	<b>67.32</b>
MS/50	Decorative painting of exhibit with one coat ready mixed primer & two coats of ready mixed paint of Asian (Apcolite) Nerolac brand of multiple colour / shades as approved by the Engr-In-charge including erecting of working platform with appropriate material in height up to 6.0 Mtr. where ever necessary with full support & safety & all labours tools tackles & material complete.		
	a) Kangaroo	Each	<b>2714.25</b>
	b) Hippopotamus/other animals	Each	<b>2714.25</b>
	c) Island Statue in Boating Complex	Each	<b>4342.80</b>
	d) Musical Fountain control room exhibits	Each	<b>27142.50</b>
MS/51	Providing & fixing EWC(Floor mounted) of make Hindware ( Coral "S" trap Cat. No.92008) as approved by the engineer in charge including dismantling, fixing with existing trap, making good the floor & wall with matching tiles wherever required , complete in all respect.	Each	<b>13028.40</b>
MS/52	Providing and fixing handshower (health faucets) of make Jaquar ( cat. No. 563) as approved by the engineer in charge including mounting on wall with fittings & fixtures complete	Each	<b>1167.13</b>

MS/53	Providing & fixing Toilet paper holder of make Jaquar (cat. No. 21751) as approved by the engineer in charge including mounting on wall with fittings & fixtures complete	Each	<b>868.56</b>
MS/54	Providing 7 fixing CP two way angular stop cock of make Lauret(Jockey-LJK-1134) as approved as engr-in-charge including mounting,fitting, fixtures complete	Each	<b>1248.56</b>
MS/55	Providing and fixing bevelled edge mirror of approved quality and brand complete with 6mm asbestos sheet ground fixing to wooden cleats with CP brass screws & washers complete in all respect as approved and as directed by Engg. In charge.	Sqm	<b>1899.98</b>
MS/56	Providing and fixing Towel Rail 24" CP of make Jaquar( 1111 )or marc of equivalent range as approved and as directed by Engg. In charge	Each	<b>1,259.41</b>
MS/57	Providing and fixing Double coat hook CP of make Jaquar( 1161 )or marc of equivalent range as approved and as directed by Engg. In charge	Each	<b>586.28</b>
MS/58	Providing and fixing 22" glass shelf of make Jaquar ( Continental-1171 )or marc of equivalent range as approved and as directed by Engg. In charge	Each	<b>1,704.55</b>
MS/59	Providing and fixing Single lever wall mixer CP with Non telephonic shower arrangement only with legs & flanges of make Jaquar( Continental-219)/Lauret(Jockey-1117) or marc of equivalent range complete as approved and as directed by Engg. In charge	Each	<b>2,659.97</b>
MS/60	Providing and fixing Central hole basin mixer CP without popup waste system with 450 mm long copper pipes & brass nuts of make Jaquar( Continental-167)/Lauret(Jockey-1110R) or marc of equivalent range complete as approved and as directed by Engg. In charge	Each	<b>3,148.53</b>
MS/61	Providing and fixing Two in One Bib Cock CP with wall flange , Quarter Turn with Ceramic Disc of make Jaquar( Florentine-5041)/Lauret(Gentle-1506)/Astra (Slim-804)/Marc(Movement-1380) including CP extension nipple all complete as approved and as directed by Engg. In charge	Each	<b>1,601.41</b>
MS/62	Providing and fixing Angular Stop Cock CP, with wall flange Quarter Turn with Ceramic Disc of make Jaquar( Florentine-5053)/Lauret(Gentle-1509)/Astra (Slim-807)/Marc(Movement-1060) including CP extension nipple all complete as approved and as directed by Engg. In charge	Each	<b>911.99</b>
MS/63	Providing and fixing Concealed Stop Cock CP, Quarter Turn with Ceramic Disc Extra heavy body, with adjustable wall flange,Size 15mm of make Jaquar( Florentine-5083)/Lauret(Gentle-1507)/Astra (Slim-805)/Marc(Movement-1040) all complete as approved and as directed by Engg. In charge	Each	<b>1,156.27</b>

MS/64	Providing and fixing Rain shower(Overhead) CP with Arm/Cap ,Single flow with revolving ball joint of make Jaquar(Continental-493(Shower) + Shower Arm(477))/Lauret(Gentle-1525)/ Astra(Slim-823)/ Marc(Movement-1240) including CP extention nipple all complete as approved and as directed by Engg. In charge	Each	<b>1,411.41</b>
MS/65	Providing and fixing Below Counter Wash Basin of Size (560x450mm) of make Hindware(Zen-10049) or of Parryware of equivalent range ,Colour White including fittings and fixtures complete in all respect as approved and as directed by Engg. In charge	Each	<b>1,367.98</b>
MS/66	Providing and fixing Bottle Trap CP,of make Jaquar(Allied-773) 32mm size with190mm & 125mm long wall connection pipes or marc of equivalent range as approved and as directed by Engg. In charge	Each	<b>890.27</b>
MS/67	Providing and fixing EWC 'Dual flush P/S TRAP' of make Parryware(Cascade- 0217) or Hindware( constellation-20024, 21038 ) colour white including cistern, seat cover, fittings & fixtures complete in all respect as approved and as directed by Engg. In charge	Each	<b>8,468.46</b>
MS/68	Providing and fixing Hand shower(Health Faucet) CP,of make Jaquar(Allied-573) with 1m long flexible tube with wall hook or marc of equivalent range as approved and as directed by Engg. In charge	Each	<b>1,682.84</b>
MS/69	Providing and fixing Towel Ring CP of make Jaquar( Continental-1121 )or marc of equivalent range as approved and as directed by Engg. In charge	Each	<b>792.56</b>
MS/70	Providing and fixing Soap Dish CP of make Jaquar( Continental-1131 )or marc of equivalent range as approved and as directed by Engg. In charge	Each	<b>933.70</b>

..... % ABOVE [(.....percent) IN WORDS]]

QUOTED -----

..... % BELOW [(.....percent) IN WORDS]]

On the rates given against all the items in page-1 to page-28 of the Schedule of Rates.

- NB
- (1)Tenderers are required to quote in the space provided at Page-28, in overall percentage(%), either above or below, applicable to the rates given against all items in Page-1 to Page-28 of the Schedule of Rates.
  - (2)Please strike out the portion (Above/Below), which is not applicable to your quotation.
  - (3) Labour, service & like charges –30.00% of total value.
  - (4) Supply component –70.0% of total value
  - (5)If applicable, Service tax, on labour, service & like charges component, VAT on supply component shall be paid extra at prevalent rates. Present rate of VAT -12.50% and Service tax-10.0%. Education cess @2.0% and secondary & higher education cess @1.0% shall be paid over & above the Service tax.