

Telephone: 2407304

e – mail: mprojects@kudreore.com

Fax: 0824-2407422

AN ISO 9001:2000, ISO 14001:2004 & OHSAS 18001:2007 COMPANY

KIOCL Limited

(formerly Kudremukh Iron Ore Company Limited)

(A Govt. of India Enterprise)

Panambur, Mangalore-575010

No.PROJ./5504

Date:19.08.2011

NOTICE INVITING TENDER

KIOCL Limited., Panambur invites sealed tenders from the experienced Contractors for the below mentioned work, who have carried out similar type of work. Tender papers can be had from the office of the undersigned on all working days during the office hours till 3:00 PM on 14.09.2011 on payment of ₹. 200.00 per set, in the form of Demand Draft/Banker's Cheque/Pay Order or any other equivalent instrument drawn from a scheduled bank in favour of KIOCL Limited, Panambur, Mangalore – 10 or payment in cash at KIOCL Limited, Mangalore cash counter. In case tender documents are downloaded from website www.kioclltd.com, the cost of tender document should be furnished along with technical bid. The last date for submission of tender is till 3.00 PM on 15.09.2011.

Name of the work: Annual contract for civil maintenance jobs in KIOCL Ltd's Township at Kavoore,
Mangalore.

EMD: ₹. 30,000.00

Dy. Gen. Manager (Projects & PC)

Telephone : 2407304, 2403294,2403292 e-mail: mprojects@kudreore.com Fax: 0824-2407422

AN ISO 9001:2000, ISO 14001:2004 & OHSAS 18001:2007 COMPANY

KIOCL Limited
(A Govt. of India Enterprise)
Panambur, Mangalore-575010

No.PROJ./TC/5504

Date: 19.08.2011

Dear Sir,

Sub: Annual contract for civil maintenance works in KIOCL Ltd. Township, Kavoor, Mangalore.

Please find enclosed herewith the tender documents for (A) Technical Bid - comprising of Invitation for tender, instructions to tenderers, terms & conditions, special conditions, schedule of work (unpriced) and (B) documents for Price bid comprising of – Schedule of work.

The Technical bid along with other documents shall be duly filled. The price bids of only technically qualified bidders shall be opened and others shall be rejected.

KIOCL Ltd's decision on Technical evaluation shall be final and no correspondence shall be entertained in this regard.

Thanking you,

Yours faithfully,
for KIOCL LIMITED

(GAJANANA PAI T.)
Dy. Gen. Manager (Projects & PC)

Encl: As above.

TECHNICAL BID INDEX

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KIOCL LIMITED
(A Govt. of India Enterprise)
PANAMBUR, MANGALORE – 10

No.PROJ/TC/5504

Date : 19.08.2011

Dear Sir(s)

Sub: Annual contract for civil maintenance works in KIOCL Ltd. Township, Kavour, Mangalore.

1. Bid documents for the above work are enclosed herewith.
2. Sealed bids will be received upto 15.00 Hrs. on 15.09.2011 at the office of Dy. Gen. Manager (Projects & PC), KIOCL Limited, Panambur, Mangalore – 10. Bids received late are liable for rejection. The technical bids shall be opened at 3.30 PM on 15.09.2011 The price bids of techno commercially accepted offers will be opened on a specified date which will be communicated to the bidders for participation to witness the same.
3. Bidders shall abide by all the details of “Instruction to Bidders” enclosed with the tender documents. The sealed bids shall be submitted in two separate sealed covers – (1) Technical bid, (2) Price Bid and each sealed bids shall be marked “Annual contract for civil maintenance works in KIOCL Ltd. Township, Kavour, Mangalore – Technical Bid” and “Annual contract for civil maintenance works in KIOCL Ltd. Township, Kavour, Mangalore – Price Bid” respectively and shall be addressed to Dy. General Manager (Projects & PC), KIOCL Limited, Panambur, Mangalore – 575 010.
4. The Technical Bid shall be accompanied by an Earnest Money Deposit (EMD) of **₹.30,000.00 (Rupees thirty thousand only)** to be deposited in the form of a Demand Draft or any other equivalent instrument drawn from a Scheduled Bank in favour of KIOCL Ltd., Panambur, Mangalore or in cash in KIOCL Ltd’s Accounts Department.
5. EMD shall be adjusted to the Security Deposit in the case of successful bidder. However, the same shall be returned to the unsuccessful bidders immediately after the award of work to successful bidder.
6. Acceptance of the bid will be intimated to successful bidder through a letter enclosing the copies of the Letter of Intent (LOI) and this letter will be treated as authorization for award of work. The bidder shall sign the said copies of LOI and send to the owner within seven days from the date of receipt for formal signature and issue of the same. In the event of failure on the part of the bidder to sign and return the LOI within the specified time, the EMD shall be liable to be forfeited at the sole discretion of the owner.
7. The time of completion for all works under this contract shall be **ONE YEAR** from the date of issue of Letter of Intent/Work Order.
8. The successful bidder shall be required to execute an agreement within the time specified in the Letter of Intent.
9. The Company reserves the right to reject any or all the tenders without assigning any reason.

Thanking you,

Yours faithfully,
for KIOCL LIMITED

Encl: Bid documents.

Dy. General Manager (Projects & PC)

TECHNICAL BID**PROFORMA FOR TECHNICAL EVALUATION OF BIDDERS**

The agencies who are sending their letter of expression must furnish following details along with documentary evidence of their claims. However, any surrogated submission in any form will disqualify them from consideration.

Generic

Name of the Agency	Postal Address	Communication Address	Contact Person	Emergency contact mode/No

Specific

Sl. No.	Description	Document particulars
1.	Average annual financial turnover during the last three years, ending 31 st March 2011 (Balance sheet, Form 16 or Auditor Certified copy of Turnover)	Should be at least ₹ 5.06 lakhs
2.	<p>Experience of having successfully completed similar work during last seven years ending 31st August 2011.</p> <p>Similar work means civil maintenance/construction works carried out in Process Plants/Industries/Public sector under takings & Govt. sectors.</p> <p>Note: (i) For works carried out in Pellet Plant Unit of KIOCL Ltd., work order copies are to be enclosed. However, for the purpose of technical evaluation, the actual value of work done would be considered. For works carried out in other place/s, work completion certificate should be furnished.</p> <p>(ii) The ongoing works will also be considered if the value of the actual work/s completed as on specified date is/are above the specified threshold value.</p>	<p>a) Three (3) similar completed works costing not less than the amount ₹ 6.75 lakhs each (rupees six lakh seventy five thousand only)</p> <p style="text-align: center;">OR</p> <p>b) Two (2) similar completed works costing not less than the amount ₹ 8.44 lakhs each (rupees eight lakh forty four thousand only)</p> <p style="text-align: center;">OR</p> <p>c) One (1) similar completed work costing not less than the amount ₹ 13.50 lakhs (rupees thirteen lakh and fifty thousand only)</p>

3.	PAN No. (mandatory)	
4.	Service tax registration no., if available.	
5.	Provident Fund account, if available	
6.	ESI account no., if available	
7.	<p>Ownership of the firm; whether the firm is proprietary, partnership or company.</p> <p>In case of partnership or company, the details of partnership/company along with agreement copies and the authorised signatory on behalf of the firm should be furnished.</p>	
8.	<p>All payments shall be made on electronic mode. Contractor shall furnish the required bank details to affect the electronic mode of payment.</p> <p style="padding-left: 40px;">Name of the Bank</p> <p style="padding-left: 40px;">Branch</p> <p style="padding-left: 40px;">Type of Account (Current/Savings)</p> <p style="padding-left: 40px;">Account No.</p> <p style="padding-left: 40px;">MICR Number (9 digit No.)</p> <p style="padding-left: 40px;">Branch Code</p>	

CONTRACTOR

OWNER

TECHNICAL BID
KIOCL LIMITED
(A Govt. of India Enterprise)
PANAMBUR, MANGALORE - 10

No.PROJ/TC/5504

Date:

TENDER FOR ANNUAL CONTRACT FOR CIVIL MAINTENANCE WORKS IN KIOCL LIMITED
TOWNSHIP, KAVOOR, MANGALORE.

A. INSTRUCTION TO TENDERERS

1. The technical bid should accompany EMD of ₹. 30,000.00 in the form of Demand Draft or any other equivalent instrument drawn from a Scheduled Bank in favour of KIOCL Limited, Panambur.
2. Tender will be received up to 3:00 P.M. on 15.09.2011.
3. Tenderers have to acquaint themselves with the conditions prevailing at site, before submitting the tenders.
4. Tenderers shall furnish their quotation in the 'Form of Bid' for Schedule of works - Annexure 'A' & 'B' and in Schedule of Work for Annexure 'C', enclosed to the Price bid documents. Quotations should be written in both words and figures.
5. Owner/Engineer reserves the right to reject any or all tenders without assigning any reason.
6. Owner/Engineer reserves the right to award part of the work or the whole, as may be considered necessary.
7. Tenders received late are liable for rejection.
8. Tenders submitted without EMD will not be considered.

B. TERMS AND CONDITIONS

1. The work shall generally be governed by KIOCL Ltd's General Conditions of Contract, which is available for reference in Projects Office on all working days.
2. Scope of work in this contract broadly covers the following.
 - (a) **As per special conditions and schedule of work enclosed.**
3. The quantities given in the schedule of items are approximate and may vary some of the items or may not be executed. No claim by the contractor on account of variations, omissions and modifications will be entertained.

4. No escalation is admissible on any account whatsoever for Schedule of work (Annexure A) and Supply of materials (Annexure B). However, for labour supply (Annexure II), the revised rate on account of variation in minimum wages would be arrived as per clause 1.1 (c) of Special Conditions.

5. MATERIALS

(a) Cement required for the work be made available by the Owner/Engineer on free of cost basis. Cement shall be issued to the Contractor at Owner's Stores to the extent of 105% of the theoretical consumption based on CPWD constants. Any over issue shall be recovered from the contractor at twice the issue rate. The decision of the Engineer in this regard shall be final and binding upon the contractor.

(b) Cement will not be issued to brought out items like Terazo tiles, Hume pipes and other similar items.

6. Power and water required for any of the enabling jobs connected with the above work which will be carried out inside KIOCL Ltd's Plant premises, will be provided at one point on free of cost basis. However, power and water required at KIOCL Ltd. railways siding site at NMPT yard should be arranged by contractor at his cost.

7. Land at the site of construction, if available, shall be made available free of charge for construction of Contractor's site office/stores if required.

8. All the materials and workmanship shall conform to CPWD specifications unless otherwise specified.

9. Rejected materials shall be removed and the rejected works shall be dismantled and redone at Contractor's cost.

10. Mode of measurements for the work shall be as per IS-1200 latest edition unless otherwise specified for items not covered in IS-1200, CPWD standard shall be adopted.

11. Rates quoted against schedule items shall include all materials, labour, machinery expenses and hire charges, taxes, royalties, transport, maintenance incidents, enabling works etc. based on the conditions mentioned herein. Unless otherwise specified in the tender schedule the rates for all items will be deemed to include all leads, lifts and decents in the work.

12. The work executed shall be maintained in good condition for a period of **six months** from the date of completion including repair required if any at contractor's cost. If the contractor fails to fulfill his obligation during the maintenance period, the same shall be got done by the owner at contractor's risk and cost.

13. During the execution of the work, on account payment will normally be arranged once in fortnight. But no claim on this account will be entertained, if for any reason payments are not made so.

14. 5% of the value of work shall be deducted and retained till the completion of maintenance period as applicable. Mode of recovery of Security Deposit is as follows:

Initial Security Deposit of 3% of the value of work shall be recovered in first running bill. EMD shall be adjusted against the initial Security Deposit. The balance 2% shall be recovered from each running bill. The Security Deposit shall be refunded after successful completion of maintenance period.

15. Any damage to the company's property caused by the contractor during the execution/maintenance of work, shall be charged to the contractor and the amount of damage shall be left to the sole discretion of the Engineer.
16. Statutory deduction towards all applicable taxes shall be made as per rules.
17. Royalties if any for materials applicable shall have to be paid by the contractor.
18. All safety appliances like safety belt, helmets etc. have to be provided by the contractor to all his workers and supervisors. None of the workmen without safety appliances shall be allowed to work at heights.
19. The contractor shall abide with all the provisions contained in Factories Act and Rules/Regulations/Bylaws/Orders made thereunder.
20. The contractor should obtain Insurance Policy to cover the risk of the labourers under Workmen Compensation Act and should be produced before starting the work.
21. Contractor should furnish the PF & ESI code numbers obtained from respective authorities and also produce the same to the Personnel Department before commencement of the work. However, in case a contractor who does not have PF & ESI code number, should apply for PF & ESI code numbers from the respective authorities based on the LOI/Work Order issued to them and produce the same to Personnel Department.
22. The contractor and his workmen may avail the facilities provided in the canteen set up for the contract labour, they will not be allowed to avail the facilities set up for KIOCL Ltd. employees.
23. Time of completion and Liquidated Damages :

The entire work under this Contract shall be completed within **ONE YEAR** from the date of issue of LOI/Work Order. If the contractor fails to complete the work within the stipulated completion time, the contractor shall pay to owner as liquidated damages for such default, for every day which shall elapse between the date prescribed thereof and the actual date of completion of the scope of work, the amounts determined on the basis of the percentage of the value of the work as specified herein.

Delay of 1st 20 days 0.1% per day
Delay of next 20 days 0.15% per day

subject to a maximum of 5% of the value of the work. The Owner/Engineer has the discretion to reduce or waive the Liquidated Damages.

24. Our Company comes under the Factories Act, Rules, Regulations, byelaws and orders made thereunder. Hence the Contractors must abide by the same.
 - (i) No persons shall be employed without Initial Training on Safety as per vocational Training Rules.
 - (ii) Contractor must immediately after deploying the Contract Workers, get their Initial Medical Examination done at Company Hospital/Company recognised Hospital. The expenditure towards Medical Examination of Contract Workers shall be borne by KIOCL Ltd.

- (iii) A supervisor with experience should be deployed to ensure that the contract workers work safely and in accordance with all the provisions of Factories Act, Rules, Regulations, Byelaws and orders made thereunder.
25. The Contractor shall be responsible for all the safety measures as per the rules in the interest of safety of all the labourers working under him. Necessary safety appliances shall be provided to all the labourers at Contractor's cost.

Wherever it is observed that the contractor has not provided safety appliances to the workers engaged by him, the Management reserves the right to issue the necessary safety appliances to his workers on cost recoverable basis.

26. The contractor shall disburse the wages to the labour on or before 7th of the following month and furnish copy of wage register, muster roll along with the bill. PF and ESI challans shall be submitted to the Personnel Department on or before 25th of the following month.

27. OBLIGATIONS OF THE AGENCY/CONTRACTOR WITH REGARD TO STATUTES:

The Agency shall be solely responsible as regards salary, wages and service conditions and terms extended by the Agency to his employees/workmen and shall in that connection maintain requisite records and comply with all laws, enactment, rules and regulations and orders dealing with employment of contract labour, payment of workmen's compensation, contribution under ESI Act, 1948, if applicable, and PF/EPF Act 1952, payment of minimum wages, payment of bonus, fire and safety regulations, regulations relating to employment of female workforce, security requirements and such other and regulations as may be applicable at present made applicable hereafter. The wages prescribed by the appropriate Government under the Minimum Wages Act, 1948 and all provisions of the Contract Labour Regulation Act and Factories Act shall be complied with by the Agency. Agency shall insure all employees for accidents and third party losses and produce the policy before commencement of Contract. All employees of the Agency shall be covered under Workmen Compensation Insurance and Group Accident Insurance cover, by the Agency.

28. INDEMNIFICATION:

The Agency shall indemnify and keep indemnified the Company from and against all actions, claims, demands and/or liabilities whatsoever arising out of this agreement or consequent upon breach of any of provisions of this agreement and/or against any claim, action or demand by any of the Agency's Employees, person(s), firms, institutions under any law, rule or regulation having the force of law, including but not limited to, claims against the Company under Workmen's Compensation Act, 1923. The Employees State Insurance Act, the Employees Provident Fund Act, 1952, The Contract Labour (Abolition & Regulation) Act, 1970 and the Minimum Wages Act, 1948 and any amendments thereto.

29. The Bids shall be valid for a period of three months from the due date of submission of the bid.

CONTRACTOR

OWNER

SPECIAL CONDITIONS OF CONTRACT

1.0 These special conditions of contract and other contract documents are complimentary to and shall be read in conjunction with each other. Provisions in these Special Conditions of the Contract shall be deemed to take precedence over General Conditions of the Contract and other documents, wherever at variance.

1.1 SCOPE OF WORK

Scope of work in this Contract broadly covers the following:

(a) Miscellaneous type of civil maintenance works, repairs, newly proposed floorings, laterite/stone/brick walls, foundations, earth work, emergency white washing/colour washing and paintings etc. and towards unforeseen works. Approximate amount based on rates indicated in Schedule of Work (Annexure – A) Rs. 1,60,000.00

(b) Supply of building/construction materials and hardware etc. Approximate amount based on the rates indicated in Supply of Materials (Annexure – B) ... Rs. 1,00,000.00

Total - Rs. 2,60,000.00

(b) Supply of various categories of labours as per the details given in ‘Schedule of Work’ for labour supply (Annexure ‘C’). The quantities indicated in this Schedule are approximate quantity for one year period.

(c) The rates indicated in column no. 2 of labour supply (Annexure ‘C’) are the presently applicable minimum wages as per the circular issued by our Personnel Department. The variation due to revision in minimum wages revised as notified through our Personnel Department during the tenure of the Contract shall be compensated as per the details given below:

In case of revision of minimum wages by Government during the tenure of the contract, the difference in minimum wages will be worked out as “Revised minimum wages plus 18.36% (PF @ 12%, Administrative charges @ 1.61% and ESI @ 4.75%) on revised minimum wages plus 20.14% on minimum wages as per contract or service charge as per the contract, whichever is lower. In case the sum so arrived is more than the manday wages as per the contract, such difference will be paid from date of revision of the minimum wages. In case the sum so arrived is less than the manday wages as per the contract, 18.36% of the enhanced minimum wages will be paid extra from the date of revision of the minimum wages. It shall be ensured that higher the minimum wages, higher/equal shall be the manday wage.

1.2 The Contractor shall carry out and complete the works within the area of work in every respect in accordance with this Contract and with the directions and to the satisfaction of the Owner. The works shall be carried out by the Contractor as and when ordered by the Owner on the basis of specific Job orders. Contractor shall not take any work without the written instructions of Sr. Manager (Civil), Land & Estate or his authorised Officer. The Owner in his absolute discretion, from time to time may issue drawings and or written instructions which are hereafter collectively referred to as "Owner's Instructions" in regard to:

- (a) The design, quality, quantity of works or the additions, omissions or substitution of any work
- (b) Any discrepancy in the drawing or between the Schedule of quantities and/or drawings and/or specifications.
- (c) The removal from the site of any materials brought thereon by the Contractor and the substitution of any other material thereof.
- (d) The dismissal from the work of any person employed thereupon.
- (e) The removal and or re-execution of any works executed by the Contractor.
- (f) The opening up for the inspection of any work covered up.
- (g) The amending and making good of any defects found during and after execution within the defects liability period, which shall be reckoned as 30 days from the completion of each Job order and two months from the final completion of contract.

The Contractor shall forthwith comply with and fully execute any work comprised in such Owner's instructions provided always that verbal instructions, directions and explanations given to the Contractors or his representatives upon the works by the Owner shall, if involving a variation, be confirmed in writing by the Contractor within 3 days, and if not dissented from in writing shall be deemed to be Owner's Instructions within the Scope of Contract.

- 1.3 The Contractor shall abide by the Security regulations promulgated from time to time. The workmen shall confine themselves to the area of work allotted. Works in electrical substation etc. shall be under taken with specific permit and shut down arrangements. Any delay and stoppage of work due to non-observance of security rules shall not entitle the Contractor for any claims or compensation arising hereof from KIOCL Ltd.
- 1.4 Contractor shall provide necessary safety appliances to the workers and shall abide by safety rules applicable in factory premises.
- 1.5 The Contractor shall submit the daily labour report in prescribed format. The Contractor shall also maintain the labour payment record, which should be made available for inspection as and when required.
- 1.6 The Contractor shall clear all materials and debris arising out of his scope of work and leave the area clean after completion of each job.

1.7 Cement

- (a) Cement required for the work to an extent of 105% of the theoretical consumption shall be issued by the department at KIOCL Ltd. Central Stores/Ware House, Panambur on free of cost.
- (b) Transportation, loading and unloading etc. from KIOCL Ltd. Central Stores/Ware House, Mangalore to various work spots should be done by the Contractor at his own cost. Surplus cement, if any, over the theoretical consumption + 5% wastage shall be returned by the Contractor to KIOCL Ltd's Central Stores at his own cost.

- (c) Cement issued by the Department shall only be used in the works and no cement shall be brought from any other source without the permission of the Department.
 - (d) Cement will be issued to the Contractor only after construction of Stores shed and proper watch and ward arrangements.
 - (e) For purpose of accounting cement issued, norms specified in CPWD latest edition shall be adopted. The Contractor at his own cost should arrange to return the surplus cement i.e. in excess of the theoretical consumption plus 5% wastage.
 - (f) For surplus cement not returned to KIOCL Ltd's Central Stores/Ware House, Mangalore, Contractor shall be charged at the actual cost at site plus 100%.
- 1.8 Works carried out by the Contractor will be measured as and when they are completed. Payments for the completed work under each Job orders shall be made normally once in every fifteen days. It is Contractor's responsibility to submit the bill of work carried out by him during the period. However, no claim whatsoever will be entertained in case of delay in payment.
- 1.9 The period of contract shall be ONE YEAR. Each job ordered, under this contract, shall be executed within the time limit specified in the Job ordered.
- 1.10 The Contractor shall have sufficient stockpile of materials to take jobs of emergent nature ordered by the department on urgent basis.
- 1.11 The Security Deposit will be released after the completion of final defects liability period/Maintenance period.
- 1.12 Contractor shall undertake all such jobs which are ordered during the currency of Contract but whose physical completion may spill over beyond contract period.
- 1.13 If the Contractor fails to complete the job within the stipulated time, KIOCL Ltd. shall be at liberty (after giving a notice of seven days) to get the job done through any other agency at the risk and cost of the Contractor. This is applicable for normal jobs. In the case of emergent jobs, if the Contractor fails to make immediate arrangements as requested by the department, the department is free to engage the required skilled/unskilled labour and materials to get the work done and the differential cost will be recovered from the Contractor.
- 1.14 TESTING CHARGES: If any tests are required to be carried out in connection with the execution of the work, the same would be arranged and got done by the WNER. The cost of such tests shall be borne by the Owner. However, the cost of such tests whose results are not in conformity with the specifications, shall be borne by the Contractor.
- 1.15 ADDITIONAL CONDITIONS
- Any of the additional terms and conditions agreed upon between the Owner and the Contractor shall also form part of this agreement.
- 1.16 EVALUATION OF PRICE BIDS: Price bids will be evaluated by multiplying the percentages quoted by the bidders in 'Form of Bid' for Schedule of works – Annexure 'A' & 'B' to the respective estimated amounts indicated in 1.1 (a) & (b) above and by adding the total amount quoted for Labour supply – Annexure 'C'. The total amount thus arrived **including service tax** will be computed for arriving at relative position of bidders. Only lowest bidder would be considered for award of work.

TECHNICAL SPECIFICATION AMPLIFICATION OF SCHEDULE

1. EARTH WORK

- (a) Item No.2 in Section 1 under Annexure A pertains to excavation of trenches, foundations, column footings for pipe laying, cable laying. The width of the trench does not exceed 1.5 M. The disposed earth as directed should be leveled and sloped.
- (b) General Specification:
 - i) Before commencement of excavation in trenches or over areas, the site shall be cleared off shrubs, bushes and small trees not exceeding in 15 cm in girth measured at 1 M above ground level and of rubbish removed.
 - ii) The contractor shall provide adequate timbering/shoring, if so, indicated by the Engineer In-charge. The timbering should be sufficient strength to resist earth pressure and ensure safety from slips, damage to property or injury to person.

(c) Tell-tale

Tell-tales or deadmen shall be left in position indicated by the Engineer In-charge at sufficient intervals to permit to carry measurements to be taken of the excavation performed. Such tell-tales shall not be tampered with or removed without prior permission of the Engineer In-charge. In return filling in and ramming excavated spoils into trench, the finest spoil shall be selected and carefully filled with course materials before filling in the fine spoil.

2. Concrete

- (a) All concreting works should be done using standard materials like cleaned hard granite aggregate, clear river sand, portland cement in bags and clean water. All concreting kept mixed and compacted unless otherwise stated for load bearing structures like columns, beams etc. where concreting needs to be mixed in a mixture and compaction has to be done by means of mechanical vibrators.
- (b) All concrete should be mixed on hard waterproof platform. The volume of concrete mix should be only to the extent of requirement and should be placed in position within 30 minutes of water mixing. No set concrete shall be mixed with fresh concrete.
- (c) Shuttering/form work are included in the rates for concreting works.
- (d) Reinforcement shall be measured separately and paid for under separate item in Section for steel work.
- (e) All concrete work shall be kept moist, wet with wet gunny bags or by continuous sprinkling of water or covering with hay so that the concrete can be wet during the hardening period for a period of seven days.
- (f) In IPS concreting for floors it should be laid in panels in alternate days not exceeding 1 Sq.M including providing glass, raft paper in the shrinkage joints.

3. Masonry

- (a) Size stone masonry is to be built from foundation, plinth, super structure and column etc. including scaffolding, staging in all heights including watering and curing. All stones shall be sound, durable and free from defects like cavities, glassflawms, sand holes, injurious vains, patches of loose material etc. as far as possible. Stone shall be uniform colour and structure. Proper scaffolding shall be provided to allow easy approach to every part of the work. Scaffolding shall be strong enough to withstand all loads. Scaffolding holes shall be made good as soon as the scaffolding is removed.

- (b) Laterite stone shall be hard, sound and free from white clay/calcium deposit. Dressing shall be done with chisel to meet the requirement of one time dressing.
- (c) Cement mortar shall be mixed thoroughly on hard and impervious platform. All vertical joints in masonry shall be filled and tampered properly.
- (d) Curing shall be carried out for seven days.

4. Brick Masonry

Brick masonry in cement mortar includes work in foundation plinth and super structure and also including scaffolding and staging at all heights. Brick should be soaked in water for a period of two hours before use. Under burnt rain spotted and damaged bricks should be removed from the stack and should not be used. Brickbats or half bricks should be used only in closes, quoins to the minimum. While laying the masonry, bricks should be placed with frogs up. Scaffolding holes should be properly plugged with bricks and cement mortar. Brick shall conform to 35 Grade, locally best available one.

5. Plastering

- (a) Before plastering, all the joints should be raked down to a minimum depth of 10 mm. The surface should be wire brushed to clean of all mortar stacking, wetted with water and plastering or pointing shall be done subsequently. Plastering shall be at all heights and levels including scaffolding, staging and curing for a period of seven days completely.
- (b) The above workmanship specification apply to the pointing also. Mortar for plastering or pointing shall be prepared on a watertight clean platform and should be used within 30 minutes after the mix is prepared with water.

6. Painting, distempering, snowcem and white/colour washing

- (a) For white washing, shell lime of best quality, boiled in hot water to form a fine paste, sieve to remove cinder and under burnt materials and mixed with robin blue to the required shade. Gum Arabic shall be mixed at the rate of 10 % by weight.
- (b) Preparation of surface: The surface to be white washed should be thoroughly cleaned, brushed for removing the dirt, cobwebs, smoke, soot and other deleterious materials. The white wash should be applied with brushes with vertical and horizontal strokes to give an even shade. Second coat of white wash wherever specified shall be applied only after written permission and certification by the Engineer In-charge. The rate quoted for white wash includes cost of scaffolding, staging etc. for all heights complete.
- (c) While applying white wash, care should be taken not to cover the painted and polished areas, wood work, electrical fittings, meter boards etc. and exposed cement works. The lime water dropping should be thoroughly cleaned at all places.
- (d) For preparing colour wash, the solution paste is similar to white wash (except admixture of robin blue colour as specified above) using lime fast pigments.
- (e) In particular shade the total volume of solution required should be prepared at one stage to avoid variance in the shade when applied on the walls.
- (f) The contractor shall bring the distemper of approved manufacturer and standard make. The preparation of surface before applying the distemper shall be as detailed in Para above.
- (g) Cement paint should be of brand Snowcem or Deurocem or Supercem of standard approved make.
- (h) Cement paint should be prepared in proportion and consistency as specified in the manufacturer. The surface on which cement paint to be applied should be cleaned thoroughly wetted with water and cement paint shall be applied in vertical and horizontal strokes with hard brushes. The work should be undertaken on the shady side of the building. Cement applied surface shall be cured with water spray for a minimum period of three days.

- (i) Before applying the plastic emulsion paint the surface shall be thoroughly brushed free from dirt, grease motor, dropping and other foreign materials. All loose pieces and scales shall be removed by sand papering and the surface shall be cleaned thoroughly. Where heavy scaling has taken place, the entire surface shall be scrapped by means of steel scrapers so as to remove all accumulated plastic emulsion paint leaving clean surface.
- (j) All necessary nails shall be removed, putting in plaster shall be made good with Plaster of Paris. The surface shall thus be rubbed again with fine grey sand paper and made smooth.
- (k) Wherever second coat is applied, the first coat shall be allowed to dry thoroughly.
- (l) Enamel Painting: The materials required for the execution of painting works shall be obtained directly from the approved manufacturer and brought to the site in makers drum etc. with seals unbroken. All materials actually not in use shall be kept properly protected. Lids of the containers shall be kept closed and the surfaces of paint are open or partially open and the containers cover shall be mixed with a thin layer of turpentine to prevent formation of skin. Materials, which have become stalls or fat due to improper and long storage, shall not be used. The paint shall be stirred thoroughly in containers before pouring into small containers. While applying also the paint shall continuously stirred in the small containers.
- (m) No left over paint shall be put back into stock tins. When not in use the container shall be kept close. The surface to be painted shall be thoroughly cleaned and dusted all rust, dirt, smoke and grease shall be thoroughly removed before painted is started. No painting on exterior or other exposed parts of the work shall be carried out in wet, humid or otherwise unfavorable weather and all the surfaces must be thoroughly dried before painting works are started. The brushing operations are to be adjusted to the applying capacity advised by the manufacturer of the particular paint. The crossing and laying consists of covering the area over the paint, brushing surfaces hard for the first time over and brushing alternatively in opposite direction two or three times and then finally brushing little in a direction at right angles to the same. In this process no brush mark shall be left after laying of the finished coat. Each coat of painting shall be allowed to dry completely and lightly rubbed. Brushes, sand papers and loose particles brushed of before next coat is applied. Each coat shall be got approved from Engineer in Charge before next coat is started. No hair marks from the brush or clogging of paint puddles in the corner of panels angle of mouldings shall be left on the work.

In painting doors and windows, the putty round the glass pane shall also be painted. But care shall be taken to see that no paint strain on glass. Top of the shutters and surface in similar hidden location shall not be left out in painting.

- 7. Labour supply consists of skilled labourers like mason, carpenter, plumber, painter, welder and chippers etc. Only qualified and well-experienced skilled workers shall only be supplied on manday basis.

Mazdoor - Only male labourers are allowed to work on daily attendance basis.

CONTRACTOR

OWNER

SCHEDULE OF WORK (UNPRICED)

Sl. No.	Description of item	Unit	Rate (Rs.)
	<u>SECTION - I EARTH WORK AND DISMANTLING WORK</u>		
1.00	Surface excavation and dressing in any type of soil in depth not exceeding 15 CM including removal of bushes, shrubs etc. and disposal of debris to a distance of 100 Mtr.	Sq.M.	6.30
2.01	Excavation in ordinary soil for foundation, depth not exceeding 1.50 Mtr. and getting out.	Cu.M.	100.00
2.02	-do- but in hard soil and -do-	Cu.M.	140.00
2.03	-do- but in laterite strata and -do-	Cu.M.	353.00
2.04	Add for every 1.50 Mtr. extra depth over and above initial depth of 1.50 Mtr. for item No.2.01	Cu.M.	8.00
3.00	Back filling of excavated earth in foundations in layers of 15 CM. well watering and ramming etc. complete.	Cu.M.	80.80
4.00	Dismantling of concrete surface in floors, kerbs and plain cement concrete slabs etc. by chiseling and removal of debris to a distance of 100 Mtr.	Cu.M.	1652.00
5.00	Dismantling of brick/laterite masonry wall in any height etc. built in cement mortar and stacking the brick/laterite stone properly and removing of debris to a distance of 100 Mtr.	Cu.M.	165.50
	<u>SECTION - 2 CONCRETING WORKS</u>		
1.01	Material and labour for plain cement concrete in foundation, beds, floors etc., using 40mm down graded stone aggregate including shuttering and curing etc., complete in PCC 1:4:8.	Cu.M.	2585.00
1.02	-do- in PCC 1:3:6.	Cu.M.	2688.30
1.03	-do- in PCC 1:2:4. (But using 20mm down graded metal)	Cu.M.	2703.80
2.00	Material and labour for plain or reinforced cement concrete in CC 1:2:4 in lintel, chajja, slabs, flooring etc., using 20 mm down graded stone aggregate including necessary shuttering and curing etc., complete (steel reinforcement is measured and paid separately).	Cu.M.	3261.30

	<u>SECTION - 3 STONE MASONRY WORK</u>		
1.00	Material and labour for random rubble granite stone masonry and proper bond stones scattered all as specified including curing etc., complete in all height in CM 1:6.	Cu.M.	1372.55
2.00	Material and labour for coursed laterite stone masonry at any height including necessary scaffolding and curing etc., complete in CM 1:6.	Cu.M.	2419.30
3.00	Material and labour for providing hard core under the floors, aprons and hard standing etc., using 75mm nominal size stone metal including cost of moorum, spreading leveling and compacting etc. as specified.	Cu.M	893.76
4.00	Material and labour for providing well burnt brick bats as hard core in floors hard standing etc. including spreading, leveling and compacting etc. as specied	Cu.M	687.68
5.00	Material and labour for providing stone pitching using 150-300mm nominal size stone boulders laying dry vertically over the compacted surface interstices filled with cement mortar 1:6 and curing etc. complete	Cu.M	963.20
	<u>SECTION-4 - BRICK MASONRY WORK</u>		
1.00	Material and labour for providing brick masonry in CM 1:6 using 35 grade best available bricks at all heights with necessary scaffolding, curing etc.	Cu.M	2744.75
2.00	Material and labour for providing half brick wall 1:4 using 35 grade best available bricks at all height including scaffolding, curing etc. complete	Sq.M.	355.12
	<u>SECTION - 5 - FLOORING WORK</u>		
1.00	Material and labour for cleaning, polishing of the existing mosaic flooring dado, skirting including application of wasing soda/oxalic acid wash and final wax polishing etc., complete.	Sq.M.	82.88
	<u>SECTION - 6 - ROOF WORK.</u>		
1.01	Labour charges only for fixing AC sheets for repair of roofs including removal of the existing broken AC sheets and providing new sheets bolts/'U/' or hood/'J' bolts with washers etc., complete.	Sq.M.	83.15

1.02	All as in 1.01 above but in AC ridge sheets -do-	Pair	30.50
2.01	Labour only for fixing CGI sheets of any gauge in repairs of roof and side cladding including removal of the existing old/broken sheets and providing sheeting bolts/'J' bolts with washers etc., complete.	Sq.M.	83.15
2.02	All as in 2.01 above but for fixing plain or corrugated galvanised sheets in ridges/flashings/valleys etc., including bending sheets to shape/size and providing new bolts/washers wherever necessary all as specified above	Sq.M.	83.15
	<u>SECTION - 7 - PLASTERING & POINTING WORK</u>		
1.01	Material and labour for providing cement plaster to the laterite/brick wall and concrete surfaces at all height including curing etc complete 20mm thick in CM 1:6 in two layers	Sq.M	88.24
1.02	-do- 12mm thick in CM 1:6	Sq.M	68.94
1.03	-do- 12mm thick in CM 1:4	Sq.M	72.15
2.00	Add to the above rates for work in repairs including removal of old plaster and raking joints etc. complete	Sq.M	11.76
3.01	Add for addition of 2% water proofing compound (i) 20mm thick plaster in CM 1:6	Sq.M	8.12
3.02	(ii) 12mm thick in CM 1:4	Sq.M	6.30
4.01	Material and labour for providing cement flush pointing in CM 1:3 to the granite random or coursed rubble stone masonry surfaces including racking joints and curing etc. complete	Sq.M	50.38
4.02	-do- for laterite wall surfaces	Sq.M	44.92
4.03	-do- for brick surfaces	Sq.M	41.64
4.04	Add for work in repairs including racking of old pointing etc. complete	Sq.M	4.48
	<u>SECTION - 8 - PAINTING AND GLAZING WORK</u>		
1.01	Material and labour for application of white washing using best shell lime including cleaning the surfaces and scaffolding etc. complete for one coat.	Sq.M	2.69

1.02	-do- 2 coats	Sq.M	5.35
2.01	Material and labour for colour washing using approved colour pigments including cleaning the surface, scaffolding etc. complete for one coat	Sq.M	3.21
2.02	-do- 2 coats	Sq.M	7.70
3.01	Material and labour for application of oil bound washable distemper including cleaning the surfaces thoroughly with sand paper and brushes, removal of deposit of ore, grease, oily surface, stains and application of one coat of distemper	Sq.M	19.70
3.02	-do- 2 coats of distemper	Sq.M	34.60
4.01	Material and labour for application of cement based paint (snowsum) for exterior wall surface including cleaning, scaffolding, curing etc. complete 1 coat	Sq.M	19.90
4.02	-do- 2 coats	Sq.M	34.90
5.00	Material and labour for application of french polish including preparation of old treated wood/plywood surfaces - 1coat	Sq.M	46.20
6.00	Material and labour for application of one coat of wood primer on newly prepared surfaces	Sq.M	23.10
7.00	-do- for application of redoxide primer on iron surfaces	Sq.M	20.60
8.01	Material and labour for application of synthetic anamel paint for already treated wood or steel /wall surfaces including thorough preparation etc. complete - 1 coat	Sq.M	48.10
8.02	-do- 2 coats	Sq. M	77.80
8.03	-do- except paint (paint will be supplied by the owner) - 1coat	Sq.M	18.48
8.04	-do- for 2 coats	Sq.M	31.36
9.01	Material and labour for application of aluminium paint to steel structural surface at any height in complete including preparation of treated surface and scaffolding etc.complete - 1 coat	Sq.M	25.00

9.02	-do- 2 coats	Sq.M	40.10
10.01	Material and labour for providing plain glass in window/door panes including removing the broken glasses and dried up kuttu/wooden beadings and fixing the new glasses with glazier paint/kuttu and wooden/rubber beading etc. complete for 3mm thick glass	Sq.M	756.00
10.02	-do- 4mm thick glass	Sq.M	825.44
10.03	-do- 5mm thick glass	Sq.M	917.28
10.04	All as in 10.01 above but for pin headed 4mm thick glass	Sq.M	732.48
10.05	-do- but with 3 mm thick glass.	Sq.M.	610.40
	<u>SECTION -9 - STEEL AND IRON WORK</u>		
1.00	Labour charges for fabrication of reinforced steel of any dia including cutting, bending, cranking and binding (including cost of binding wire) at any location and placing in position as specified.	Kg.	20.60
2.00	Material and labour for supply and fixing of GI barbed wire 12 SWG, barbed with 14SWG barbs at every 100mm spacing to the fencing poles with required nibs, clips etc. complete	Kg.	73.92
	<u>SECTION - 10 - PLUMBING AND MISCELLANEOUS WORKS</u>		
1.00	Removal of old indian water closet (IWC) and providing new approved make IWC including grouting around and underneath, with lean concrete 1:7:12 and filling the socket joint with cement mortar 1:3 and curing etc complete.	Each	1389.92
2.00	Removal of broken EWC (European water closet) and providing and fixing new EWC of approved make with 'P' or 'S' trap including providing connection with existing flushing cistern and soil pipe etc. complete as specified.	Each	1662.08
3.00	Labour charges for laying glazed stone ware /PVC drain pipe laying, jointing and connecting to the existing drain pipe of 150mm dia including earth work, backfilling, curing etc. complete. (pipe will be supplied by Dept.on free of cost basis)	RM	26.88

CONTRACTOR

OWNER

SUPPLY OF MATERIAL (UNPRICED)

Item No.	Description of item	Unit	Rate (Rs.)
1	Bricks well burnt 35 grade	1000 Nos.	3000.00
2	Laterite stones	1000 Nos.	13000.00
3	River sand	Cu.M.	535.00
4	Red earth	Cu.M.	220.00
5	Stone aggregate of various sizes	Cu.M.	1053.50
6	Wash basin of size 450mm x 330mm of approved make.	No.	510.00
7	Wash basin of size 550mm x 400mm of approved make.	No.	614.00
8	Orissa pattern IWC of size 580 x 440 mm with integral type footrest	No.	950.00
9	Foot rest	Pair	150.00
10	EWC of approved make with 'P' or 'S' trap.	No.	900.00

CONTRACTOR

OWNER

FORM OF BID

(To be filled in by the Tenderer)

To,

The Deputy General Manager (Projects & PC)
KIOCL Limited
Panambur, Mangalore – 10

Dear Sir,

Having examined and perused -

- i) KIOCL Limited's General Conditions of Contract.
- ii) Instructions for tenderers.
- iii) Pre-priced Schedule of Work

I/We agree to perform such services and execute such works upon the terms and conditions contained or referred to in the aforesaid documents and upon the terms and conditions hereinafter contained as may be amended during the contract period of 12 months from the date of acceptance of this tender submitted by me/us at the rates contained in the aforesaid Schedule of Works and rates enclosed subject to the percentage quoted by me/us herein after: -

To the Schedule of Work (Annexure “A”) which is enclosed

For ₹ 1,60,000.00.00 *Add QUOTED % thereto

or

For ₹ 1,60,000.00 *Deduct QUOTED % thereto

Add Service tax, if applicable. (applicable service tax to be clearly indicated here)

To Supply of materials (Annexure “B”) which is enclosed

For ₹ 1,00,000.00 *Add QUOTED % thereto

or

For ₹ 1,00,000.00 *Deduct QUOTED % thereto

Add Service tax, if applicable. (applicable service tax to be clearly indicated here)

*Contractor to insert here rate percent both in figure and words. If no percentage over/below schedule of rates offered 'Nil' should be inserted.

I/We hereby distinctly and expressly declare and acknowledge that before the submission of my tender, I have carefully followed the General Instructions and clearly understood all the conditions of contract. I have also seen the locations where the said works are to be carried out and made such investigations of the works carried out, in regard to the materials required to be furnished, as to enable me to complete the work successfully.

I/We enclose herewith Demand Draft No. _____ dt. _____ for Rs. _____ (Rupees) duly certified as good for payment as earnest money not to bear interest. Should this tender be accepted, I hereby agree to abide by and fulfill all the terms and conditions annexured hereto. If I/We fail to commence the work specified in the above Memorandum, I/We agree with that my earnest money shall stand forfeited absolutely to the Owner, otherwise, the earnest money shall be retained in the above Memorandum. I/We also agree to the balance retention money being deducted from my bills in accordance with the conditions of contract.

I agree to keep the offer open for three months from the date of opening of tender. I/We am/are, Sir,

Yours faithfully,

Signature:

Address:

Date:

Signature of Witness:

Address:

LABOUR SUPPLY (UNPRICED):

	Description of item	Unit	Qty.	Rate (₹) as per minimum wages	PF @ 12 % (₹)	PF (Admn) @ 1.61 % (Rs)	ESI @ 4.75 % (Rs)	Rate (Rs)	Service charges to be quoted by Contractor (Rs.)	Total per Manday per unit (Rs.)	Amount (Rs.)
			1	2	3	4	5	6 (2+3+4+5)	7	8 (6+7)	9 (1 x 8)
1	Mason	Manday	600	273.00	32.80	4.40	13.00	323.20	QUOTED	QUOTED	QUOTED
2	Carpenter	Manday	600	273.00	32.80	4.40	13.00	323.20	QUOTED	QUOTED	QUOTED
3	Mazdoor (Male)	Manday	2700	205.00	24.60	3.30	9.70	242.60	QUOTED	QUOTED	QUOTED
4	Plumber	Manday	350	273.00	32.80	4.40	13.00	323.20	QUOTED	QUOTED	QUOTED
5	Welder	Manday	150	273.00	32.80	4.40	13.00	323.20	QUOTED	QUOTED	QUOTED
6	Painter	Manday	50	273.00	32.80	4.40	13.00	323.20	QUOTED	QUOTED	QUOTED

SERVICE TAX, if applicable (both percentage & amount to be indicated)

TOTAL

PRICE BID
SCHEDULE OF WORK

Sl. No.	Description of item	Unit	Rate (Rs.)
	<u>SECTION - I EARTH WORK AND DISMANTLING WORK</u>		
1.00	Surface excavation and dressing in any type of soil in depth not exceeding 15 CM including removal of bushes, shrubs etc. and disposal of debris to a distance of 100 Mtr.	Sq.M.	6.30
2.01	Excavation in ordinary soil for foundation, depth not exceeding 1.50 Mtr. and getting out.	Cu.M.	100.00
2.02	-do- but in hard soil and -do-	Cu.M.	140.00
2.03	-do- but in laterite strata and -do-	Cu.M.	353.00
2.04	Add for every 1.50 Mtr. extra depth over and above initial depth of 1.50 Mtr. for item No.2.01	Cu.M.	8.00
3.00	Back filling of excavated earth in foundations in layers of 15 CM. well watering and ramming etc. complete.	Cu.M.	80.80
4.00	Dismantling of concrete surface in floors, kerbs and plain cement concrete slabs etc. by chiseling and removal of debris to a distance of 100 Mtr.	Cu.M.	1652.00
5.00	Dismantling of brick/laterite masonry wall in any height etc. built in cement mortar and stacking the brick/laterite stone properly and removing of debris to a distance of 100 Mtr.	Cu.M.	165.50
	<u>SECTION - 2 CONCRETING WORKS</u>		
1.01	Material and labour for plain cement concrete in foundation, beds, floors etc., using 40mm down graded stone aggregate including shuttering and curing etc., complete in PCC 1:4:8.	Cu.M.	2585.00
1.02	-do- in PCC 1:3:6.	Cu.M.	2688.30
1.03	-do- in PCC 1:2:4. (But using 20mm down graded metal)	Cu.M.	2703.80
2.00	Material and labour for plain or reinforced cement concrete in CC 1:2:4 in lintel, chajja, slabs, flooring etc., using 20 mm down graded stone aggregate including necessary shuttering and curing etc., complete (steel reinforcement is measured and paid separately).	Cu.M.	3261.30

	<u>SECTION - 3 STONE MASONRY WORK</u>		
1.00	Material and labour for random rubble granite stone masonry and proper bond stones scattered all as specified including curing etc., complete in all height in CM 1:6.	Cu.M.	1372.55
2.00	Material and labour for coursed laterite stone masonry at any height including necessary scaffolding and curing etc., complete in CM 1:6.	Cu.M.	2419.30
3.00	Material and labour for providing hard core under the floors, aprons and hard standing etc., using 75mm nominal size stone metal including cost of moorum, spreading leveling and compacting etc. as specified.	Cu.M	893.76
4.00	Material and labour for providing well burnt brick bats as hard core in floors hard standing etc. including spreading, leveling and compacting etc. as specied	Cu.M	687.68
5.00	Material and labour for providing stone pitching using 150-300mm nominal size stone boulders laying dry vertically over the compacted surface interstices filled with cement mortar 1:6 and curing etc. complete	Cu.M	963.20
	<u>SECTION-4 - BRICK MASONRY WORK</u>		
1.00	Material and labour for providing brick masonry in CM 1:6 using 35 grade best available bricks at all heights with necessary scaffolding, curing etc.	Cu.M	2744.75
2.00	Material and labour for providing half brick wall 1:4 using 35 grade best available bricks at all height including scaffolding, curing etc. complete	Sq.M.	355.12
	<u>SECTION - 5 - FLOORING WORK</u>		
1.00	Material and labour for cleaning, polishing of the existing mosaic flooring dado, skirting including application of wasing soda/oxalic acid wash and final wax polishing etc., complete.	Sq.M.	82.88
	<u>SECTION - 6 - ROOF WORK.</u>		
1.01	Labour charges only for fixing AC sheets for repair of roofs including removal of the existing broken AC sheets and providing new sheets bolts/'U' or hood/'J' bolts with washers etc., complete.	Sq.M.	83.15

1.02	All as in 1.01 above but in AC ridge sheets -do-	Pair	30.50
2.01	Labour only for fixing CGI sheets of any gauge in repairs of roof and side cladding including removal of the existing old/broken sheets and providing sheeting bolts/'J' bolts with washers etc., complete.	Sq.M.	83.15
2.02	All as in 2.01 above but for fixing plain or corrugated galvanised sheets in ridges/flashings/valleys etc., including bending sheets to shape/size and providing new bolts/washers wherever necessary all as specified above	Sq.M.	83.15
	<u>SECTION - 7 - PLASTERING & POINTING WORK</u>		
1.01	Material and labour for providing cement plaster to the laterite/brick wall and concrete surfaces at all height including curing etc complete 20mm thick in CM 1:6 in two layers	Sq.M	88.24
1.02	-do- 12mm thick in CM 1:6	Sq.M	68.94
1.03	-do- 12mm thick in CM 1:4	Sq.M	72.15
2.00	Add to the above rates for work in repairs including removal of old plaster and raking joints etc. complete	Sq.M	11.76
3.01	Add for addition of 2% water proofing compound (i) 20mm thick plaster in CM 1:6	Sq.M	8.12
3.02	(ii) 12mm thick in CM 1:4	Sq.M	6.30
4.01	Material and labour for providing cement flush pointing in CM 1:3 to the granite random or coursed rubble stone masonry surfaces including racking joints and curing etc. complete	Sq.M	50.38
4.02	-do- for laterite wall surfaces	Sq.M	44.92
4.03	-do- for brick surfaces	Sq.M	41.64
4.04	Add for work in repairs including racking of old pointing etc. complete	Sq.M	4.48
	<u>SECTION - 8 - PAINTING AND GLAZING WORK</u>		
1.01	Material and labour for application of white washing using best shell lime including cleaning the surfaces and scaffolding etc. complete for one coat.	Sq.M	2.69

1.02	-do- 2 coats	Sq.M	5.35
2.01	Material and labour for colour washing using approved colour pigments including cleaning the surface, scaffolding etc. complete for one coat	Sq.M	3.21
2.02	-do- 2 coats	Sq.M	7.70
3.01	Material and labour for application of oil bound washable distemper including cleaning the surfaces thoroughly with sand paper and brushes, removal of deposit of ore, grease, oily surface, stains and application of one coat of distemper	Sq.M	19.70
3.02	-do- 2 coats of distemper	Sq.M	34.60
4.01	Material and labour for application of cement based paint (snowsum) for exterior wall surface including cleaning, scaffolding, curing etc. complete 1 coat	Sq.M	19.90
4.02	-do- 2 coats	Sq.M	34.90
5.00	Material and labour for application of french polish including preparation of old treated wood/plywood surfaces - 1coat	Sq.M	46.20
6.00	Material and labour for application of one coat of wood primer on newly prepared surfaces	Sq.M	23.10
7.00	-do- for application of redoxide primer on iron surfaces	Sq.M	20.60
8.01	Material and labour for application of synthetic anamel paint for already treated wood or steel /wall surfaces including thorough preparation etc. complete - 1 coat	Sq.M	48.10
8.02	-do- 2 coats	Sq. M	77.80
8.03	-do- except paint (paint will be supplied by the owner) - 1coat	Sq.M	18.48
8.04	-do- for 2 coats	Sq.M	31.36
9.01	Material and labour for application of aluminium paint to steel structural surface at any height in complete including preparation of treated surface and scaffolding etc.complete - 1 coat	Sq.M	25.00

9.02	-do- 2 coats	Sq.M	40.10
10.01	Material and labour for providing plain glass in window/door panes including removing the broken glasses and dried up kuttu/wooden beadings and fixing the new glasses with glazier paint/kuttu and wooden/rubber beading etc. complete for 3mm thick glass	Sq.M	756.00
10.02	-do- 4mm thick glass	Sq.M	825.44
10.03	-do- 5mm thick glass	Sq.M	917.28
10.04	All as in 10.01 above but for pin headed 4mm thick glass	Sq.M	732.48
10.05	-do- but with 3 mm thick glass.	Sq.M.	610.40
	<u>SECTION -9 - STEEL AND IRON WORK</u>		
1.00	Labour charges for fabrication of reinforced steel of any dia including cutting, bending, cranking and binding (including cost of binding wire) at any location and placing in position as specified.	Kg.	20.60
2.00	Material and labour for supply and fixing of GI barbed wire 12 SWG, barbed with 14SWG barbs at every 100mm spacing to the fencing poles with required nibs, clips etc. complete	Kg.	73.92
	<u>SECTION - 10 - PLUMBING AND MISCELLANEOUS WORKS</u>		
1.00	Removal of old indian water closet (IWC) and providing new approved make IWC including grouting around and underneath, with lean concrete 1:7:12 and filling the socket joint with cement mortar 1:3 and curing etc complete.	Each	1389.92
2.00	Removal of broken EWC (European water closet) and providing and fixing new EWC of approved make with 'P' or 'S' trap including providing connection with existing flushing cistern and soil pipe etc. complete as specified.	Each	1662.08
3.00	Labour charges for laying glazed stone ware /PVC drain pipe laying, jointing and connecting to the existing drain pipe of 150mm dia including earth work, backfilling, curing etc. complete. (pipe will be supplied by Dept.on free of cost basis)	RM	26.88

CONTRACTOR

OWNER

SUPPLY OF MATERIAL (UNPRICED)

Item No.	Description of item	Unit	Rate (Rs.)
1	Bricks well burnt 35 grade	1000 Nos.	3000.00
2	Laterite stones	1000 Nos.	13000.00
3	River sand	Cu.M.	535.00
4	Red earth	Cu.M.	220.00
5	Stone aggregate of various sizes	Cu.M.	1053.50
6	Wash basin of size 450mm x 330mm of approved make.	No.	510.00
7	Wash basin of size 550mm x 400mm of approved make.	No.	614.00
8	Orissa pattern IWC of size 580 x 440 mm with integral type footrest	No.	950.00
9	Foot rest	Pair	150.00
10	EWC of approved make with 'P' or 'S' trap.	No.	900.00

CONTRACTOR

OWNER

I/We enclose herewith Demand Draft No. dt. for Rs. (Rupees) duly certified as good for payment as earnest money not to bear interest. Should this tender be accepted, I hereby agree to abide by and fulfill all the terms and conditions annexured hereto. If I/We fail to commence the work specified in the above Memorandum, I/We agree with that my earnest money shall stand forfeited absolutely to the Owner, otherwise, the earnest money shall be retained in the above Memorandum. I/We also agree to the balance retention money being deducted from my bills in accordance with the conditions of contract.

I agree to keep the offer open for three months from the date of opening of tender. I/We am/are, Sir,

Yours faithfully,

Signature:

Address:

Date:

Signature of Witness:

Address:

LABOUR SUPPLY

	Description of item	Unit	Qty.	Rate (₹) as per minimum wages	PF @ 12 % (₹)	PF (Admn) @ 1.61 % (Rs)	ESI @ 4.75 % (Rs)	Rate (Rs)	Service charges to be quoted by Contractor (Rs.)	Total per Manday per unit (Rs.)	Amount (Rs.)
			1	2	3	4	5	6 (2+3+4+5)	7	8 (6 +7)	9 (1 x 8)
1	Mason	Manday	600	273.00	32.80	4.40	13.00	323.20			
2	Carpenter	Manday	600	273.00	32.80	4.40	13.00	323.20			
3	Mazdoor (Male)	Manday	2700	205.00	24.60	3.30	9.70	242.60			
4	Plumber	Manday	350	273.00	32.80	4.40	13.00	323.20			
5	Welder	Manday	150	273.00	32.80	4.40	13.00	323.20			
6	Painter	Manday	50	273.00	32.80	4.40	13.00	323.20			

SERVICE TAX, if applicable (both percentage & amount to be indicated)

TOTAL