BHARAT COKING COAL LIMITED  
(A Subsidiary of Coal India Limited)  
Office of the Chief General Manager, Katras Area  
P.O. Sijua Distt. Dhanbad.

Ref. No. BCCL/CGM/IV/Civil/Tender/08-09/03  
Dated: 01.01.2009

TENDER NOTICE

Sealed percentage rate tender on above/below basis in two parts (part-I & II) are invited from experienced and eligible contractors for taking up the following works:-

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Nature of Job &amp; Location</th>
<th>Estimated Cost</th>
<th>Earnest Money</th>
<th>Cost of Tender Paper</th>
<th>Time of Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Extension of substation building including sanitation &amp; water supply arrangement at Kanta Pahari substation, AKWMC under Katras Area.</td>
<td>Rs. 2,37,699.00</td>
<td>Rs. 2,380/-</td>
<td>Rs. 250/-</td>
<td>Two months</td>
</tr>
</tbody>
</table>

Issue of tender documents – begins on : 15.01.2009  
closed on : 17.01.2009  
(Issue of tender documents will be done on all working days during working hours except on Sundays and Holidays). In the event of the specified date for submission/opening of bids declared a holiday by the employer, the bids will be received/opened on the appointed time on the next working day.  
Date and time of receiving of tender : 19.01.2009 upto 3.00 P.M.  
Date and time of opening of tender : 19.01.2009 at 3.30 P.M.

Eligibility Criteria:-

1) The intending tenderer must have its name as a prime contractor experience of having successfully completed similar nature of job during last 7(Seven) years ending last day or month previous to the one in which bid applications are invited (i.e. eligibility period) should be either of the following:-

   i) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost.

   OR

   ii) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost.

   OR

   iii) One similar completed works each costing not less than the amount equal to 80% of the estimated cost.

2) Average annual financial turn over of civil works during last three years ending 31st March of the previous financial year should be at least 30% of the estimated cost.

contd…..pg/2
3) Note:--
   i.) Provision under eligibility criteria under sl.no.1 shall also include those similar works which have been started earlier than eligibility period of tender but completed during the eligibility period as per NIT.

   ii) As per eligibility criteria specified under Sl.No.1 pre-qualification shall be done based on experience of the successfully completed works and not on experience of works in progress.

   iii) The tender documents can be had from the office of the Area Civil Engineer, Katras Area IV, BCCL. After depositing of requisite cost of tender paper in form of cash (Non-refundable) with Cashier/Sr. F. O., Katras Area Office from 15.01.2009 to 17.01.2009.

   iv) No tender will be issued or submitted by postal means.

   v) Completed sealed tender (part-I & part-II), Technical bid part-I and Price bid Part-II should be submitted on 19.01.2009 upto 3.00 P.M. in the office of the Area Civil Engineer, Katras Area IV and Part –I of the tender will be opened on the same day at 3.30 P.M. in the presence of intending tenderers or their authorized representatives.

   vi) The earnest money deposit is to be submitted in a separate envelope altogether super scribing “Earnest Money Deposit” and not inside the envelope containing Part-I or Part-II of the Bid. Only Part-I will be opened on 19.01.2009 and Part-II will be opened only after the acceptance of part-I (Technical Bid) and after obtaining approval of the competent authority.

4) The Management of BCCL reserves right to reject any or all of the tenders without assigning any reasons what-so-ever and to split up and distribute the work among the tenderers.

5) The earnest money should be deposited in form of cash or Bank Draft of Local nationalized Bank in favour of Bharat Coking Coal Limited payable at Dhanbad and proper money receipt should be enclosed.

6) No materials will be supplied by the deptt for this work and will be responsibility of the contractor for procurement of the same at his own cost and risk.

7) Issuance of tender documents does not mean that the parties are considered qualified.

8) Late or delayed tender shall not be considered.

9) An Affidavit on Non Judicial Stamp Paper before Notary Public regarding:-
   a) Genuineness of the documents submitted and
   b) They have not been banned or de-listed by any Govt. or Quasi Govt. Agencies or PSU’s should be submitted along with the tender document in Part-I.

10) The validity of the tender will be 120 days from the date of opening of price bid or revised price bid, if any.

11) Conditional tenders will not be considered.

12) Contractors have to abide by the Central Labour Regulation Act.1970 & Allied Labour Laws amended upto date.


14) The complete Bid documents will be available on the website for the purpose of downloading and tender submitted on such downloaded bid documents shall be considered valid for participating in the tender process.

contd…..pg/3
15) The company shall not be responsible for any delay/difficulties/in-accessibility of the downloading facility for any reasons whatsoever. The downloading facility shall be available during the period of sale of tender paper.

16) The bidders, who will download the tender documents from the website of the company, will be required to pay the cost of tender paper (Application fee) by Bank Draft as per NIT at the time of submission of tenders.

17) The bidders will be required to submit an undertaking that they will accept the tender documents as available in the website and their tender shall be rejected, if any tampering in the tender documents is found to be done at the time of opening of tender.

18) The Bank Draft towards the cost of tender documents (Application fee) and the undertaking of the tenderer as at Sl. No. vi) shall be submitted in a separate envelope marked ‘Cost of Tender Documents’ and the undertaking and not with part-I/EMD.

19) In case of any discrepancy between the tender documents downloaded from the website and the master copy available in the office, the later shall prevail and will be binding of the tenderers. No. claim on this account will be entertained.

20) Estimated quantity and side conditions, or the other documents, such general terms and conditions, general specifications, responsibility of the contractor, additional safety measures etc. may be seen at the office of the undersigned which will be applicable to be contact.

Area Civil Engineer,
Katras Area

Distribution:-
1) The Executive Director (VIGI.), BCCL, Koyla Bhawan, Dhanbad.
2) H.O.D (Civil), Civil HQ, Koyla Nagar, Dhanbad.
3) Chief General Manager (Administration), Koyla Bhawan, BCCL.
4) General Manager (EDP), BCCL, Koyla Bhawan, Dhanbad for publication in website.
5) Chief General Manager, Katras Area.
6) Addl.GM./AFM/APM/A.M.(Planning)/A.M.(Safety)/PM(Admn.), Katras Area,
7) All Area CGM/GM’s, Areas & Projects of BCCL & CCWO.
8) All Area Civil Engineers, Area-I to XII, Sudamdih, Moonidih, PB. Area, Block-II,EJ. & W J. Areas, CCWO.
9) All Project Officers, Collieries of Katras Area.
10) The Builders Association of India, Akashkinaree Kanta, P.O. Katrasgarh, Dhanbad.
11) Sr. FO/SE (Civil), Katras Area.
12) Cashier, Katras Area.
13) Notice Board, Katras Area.
14) Tender file.
15) LEO(C), Katrasgarh.
16) The Secretary, Chhatabad Malkera, Adarsh Sharmik Sahyog Samitee Ltd.
5, Chhatabad at Malkera Road, P.O. Katrasgarh, Dhanbad
Bill of Quantity for Extension of substation building including sanitation & water supply arrangement at Kanta Pahari substation, AKWMC under Katras Area.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Item</th>
<th>Quantity</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Earth work in excavation foundation trences or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. a) All kinds of soil.</td>
<td>24.78 m³</td>
<td>/ m³</td>
<td>93.55</td>
<td>2318.16</td>
</tr>
<tr>
<td>2.</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level. i) 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)</td>
<td>12.94 m³</td>
<td>/ m³</td>
<td>1404.70</td>
<td>18176.81</td>
</tr>
<tr>
<td>3.</td>
<td>Brick work with F.P.S. bricks of class designation 50 in</td>
<td>45.18 m³</td>
<td>/ m³</td>
<td>1303.28</td>
<td>58882.19</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td>Rate</td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------</td>
<td>-------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Foundation and plinth in:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) Cement mortar 1:6 (1 cement : 6 coarse sand)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>12mm thick cement plaster of mix:</td>
<td>325.42 m²</td>
<td>/ m²</td>
<td>44.00</td>
<td>14320.68</td>
</tr>
<tr>
<td></td>
<td>i) 1:6 (1 cement : 6 fine sand)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Colour washing such as green, blue or buff to give an even shade</td>
<td>286.65 m²</td>
<td>/ m²</td>
<td>6.30</td>
<td>1805.89</td>
</tr>
<tr>
<td></td>
<td>a) New work (two or more coats) with a base coat of white washing with lime.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Half brick massonary with bricks of class designation 50 in foundation &amp; plinth in:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cement mortar 1:4 (1Cement : 4 coarse sand).</td>
<td>2.28 m²</td>
<td>/ m²</td>
<td>165.57</td>
<td>377.49</td>
</tr>
<tr>
<td>7</td>
<td>Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in small lintels not exceeding 1.5m clear</td>
<td>0.38 m³</td>
<td>/ m³</td>
<td>3438.15</td>
<td>1306.49</td>
</tr>
</tbody>
</table>
span upto floor five level including the cost of required centering, shuttering and finishing, smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding the cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).

<p>| 8. | Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding or complete i) Cold twisted bars. | 250.37 kg | / kg | 21.85 | 5470.58 |</p>
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Area (m²)</th>
<th>Rate (/m²)</th>
<th>Amount</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. a) 25 mm thick with 12.5 mm nominal size stone aggregate.</td>
<td>19.50</td>
<td>86.05</td>
<td>1677.97</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>12mm cement plaster finished with a floating coat of neat cement of mix : a) 1:4 (1 cement : 4 fine sand)</td>
<td>37.43</td>
<td>62.10</td>
<td>2324.40</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W drain pipe 100mm diameter and 1.20 m long complete as per standard design.</td>
<td>1 No.</td>
<td>744.35</td>
<td>744.35</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete: a) 100x100x100mm</td>
<td>2 Nos.</td>
<td>225.15</td>
<td>450.30</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Providing and fixing S.C.I Pipe</td>
<td>3 mtr.</td>
<td>271.15</td>
<td>813.45</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mtr.</td>
<td>230.05</td>
<td>1150.25</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| a) 100 mm  
| b) 75 mm | Providing and fixing single unequal plain junction of required degree (Tee)  
| a) 100x100x75 | 2 Nos. /each | 199.15 | 398.30 |
|   | Providing, laying and jointing glazed stoneware pipes grade ‘A’ with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete  
| a) 100mm diameter | 6.00 mtr /mtr | 77.65 | 465.90 |
|   | Providing and fixing S.C.I terminal guard  
| 75mm. | 2 Nos. /each | 87.65 | 175.30 |
|   | Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size) around S.W. pipes including bed concrete as per standard design:  
<p>| a) 100mm dia S.W. pipe | 6.00 mtr /mtr | 190.80 | 1144.80 |</p>
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.</td>
<td>Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement. All work upto plinth level (F&amp;P) i) 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)</td>
<td>2.68 m³</td>
<td>/ m³</td>
<td>1912.65</td>
<td>5125.90</td>
</tr>
<tr>
<td>19.</td>
<td>Brick work with F.P.S. bricks of class designation 50 in superstructure in: i) Cement mortar 1:6 (1 cement : 6 coarse sand)</td>
<td>17.31 m³</td>
<td>/ m³</td>
<td>1509.68</td>
<td>6132.56</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td>Rate</td>
<td>Amount</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------</td>
<td>-------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>20.</td>
<td>Providing corrugated G.S. sheet roofing fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto a pitch of 60 degrees) excluding the cost of purlins, rafters and trusses. a) 0.63mm thick with zinc coating not less than 275gm/ m²</td>
<td>105.49 m² / m²</td>
<td>279.55</td>
<td>29489.72</td>
<td></td>
</tr>
<tr>
<td>21.</td>
<td>Structural steel work in single section fixed without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.</td>
<td>731.00 kg / kg</td>
<td>21.95</td>
<td>16045.45</td>
<td></td>
</tr>
<tr>
<td>22.</td>
<td>Extra for providing and fixing wind ties of 40x6mm flat iron section.</td>
<td>50.54 m / m</td>
<td>39.10</td>
<td>1976.11</td>
<td></td>
</tr>
<tr>
<td>23.</td>
<td>Providing and laying damp roof course</td>
<td>4.76 m² / m²</td>
<td>84.60</td>
<td>402.69</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td>Unit</td>
<td>Rate (1)</td>
<td>Rate (2)</td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------</td>
<td>------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td></td>
<td>40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24.</td>
<td>Reinforced cement concrete works in beams, suspended floors, roofs having slope up to 15(^\circ), landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)</td>
<td>0.93 m(^2)</td>
<td>/m(^2)</td>
<td>2120.65</td>
<td>1972.20</td>
</tr>
</tbody>
</table>
| 25.| Centering and shuttering including strutting, propping etc. and removal of form for:  
   a) Lintels, beams, plinth beams, girders, bressumers and cantilevers.  
   b) Whether shade, chajjas, corbels, etc. including edges.                                                                                                                                         | 7.49 m\(^2\) | /m\(^2\) | 87.95    | 658.74   |
| 26.| Cement plaster skirting (up to 30 cm height) with cement mortar 1:3 (1 cement : 3 coarse                                                                                                                     | 12.50 m\(^2\) | /m\(^2\) | 104.00   | 1300.00  |
sand) finished with a floating coat of neat cement.
a) 18mm thick.

27. Filling available excavated Earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift up to 1.5m

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>27. Filling available excavated Earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift up to 1.5m</td>
<td>4.25 m³</td>
<td>/ m³</td>
<td>30.25</td>
<td>128.56</td>
</tr>
</tbody>
</table>

28. Structural steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>28. Structural steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.</td>
<td>242.20 kg</td>
<td>/ kg</td>
<td>24.30</td>
<td>5885.46</td>
</tr>
<tr>
<td></td>
<td>Providing and fixing of factory made PVC door frame made of PVC extruded section having overall dimension of 48x40mm (tolerance +1mm) with wall thickness 2.00mm + 0.2mm corners of the door frame to be mitred and joined by means of plastic / M.S. galvanized brackets and stainless steel screws. The hinge side vertical of the frames reinforced by galvanized M.S. type of size 19x19mm and 1mm + 0.1mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of Engineer-in-charge. (Sintex or Plasopen). 48x40x2.0mm thick PVC door frame.</td>
<td>5.03 mtr.</td>
<td>/mtr</td>
<td>112.20</td>
</tr>
<tr>
<td></td>
<td>Providing and fixing to existing door frames 24mm thick factory made PVC door shutters made of styles and rails of a UPVC hollow section of size 59x24mm and wall thickness 2.00mm + 0.2mm with inbuilt edging on both sides. The styles and rails mitred are joined at the corners by means of M.S. galvanized/plastic brackets of size 75x220mm having wall thickness 1.00mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanized M.S. type of size 20x20mm and 1mm + 0.1mm wall thickness. The lock rail made up of ‘H’ section, a UPVC hollow section of size 100x24mm and 2mm + 0.2mm wall thickness fixed to the shutter styles bgc means of plastic/galvanized M.S. &amp; U cleats. The shutter frame filled with a UPVC multi chambered single panel of size not less than 620mm, having over</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
all thickness of 20mm and 1mm + 0.1mm wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvaned M.S. rod and fastened with nuts and washers, complete as per manufacturer’s specification and direction of Engineer-in-charge. (Plasopan or Sintex)

<table>
<thead>
<tr>
<th>Description</th>
<th>Area</th>
<th>Rate</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>24mm thick shutter.</td>
<td>1.59 m²</td>
<td>/ m²</td>
<td>1067.95</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1698.04</td>
</tr>
</tbody>
</table>
31. Fixing chowkhats in existing including embedding chow-khats in floors or walls cutting masonry for holdfasts embedding hold fasts in cement concrete blocks with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) painting two coats of coal tar to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground withing 50 metres lead:

i) Door chowkhats.  

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5 Nos.</td>
<td>/each</td>
<td>232.50</td>
</tr>
</tbody>
</table>
31. **Fixing chowkhats in existing opening including embedding chow-khats in floors or walls cutting masonry for holdfasts embedding hold fasts in cement concrete blocks with cement concrete 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) painting two coats of coal tar to sides of chowkhats and making good the damages to walls and floors as required complete includig disposal of rubbish to the dumping ground within 50 metres lead:**

   i) Window chowkhats.

   |   |   | 2 Nos. | /Each | 141.50 | 283.00 |

32. **Providing and fixing white vitreous china water closet squatting pan (Indian type)**

   a) Long pattern W.C. pan of size 580 mm

   |   |   | 1 No. | /Each | 365.15 | 365.15 |

33. **Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet:**

   a) 250x125x25 mm

   |   |   | 1 Pair | /each pair | 86.60 | 86.60 |

34. **Providing and fixing S.C.I S. tape 100mm**

<p>|   |   | 1 No. | /each | 163.35 | 163.35 |</p>
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
</table>
| 35.| Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:  
  a) Two or more coats on new work.                                                                                                                 | 21.00 m² | / m² | 24.25 | 509.25  |
| 36.| White washing with lime to give an even shade.  
  i) New work (three or more coats).                                                                                                                  | 38.83 m² | / m² | 4.65  | 180.55  |
| 37.| Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level.  
  i) 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)                                                               | 7.45 m³  | / m³ | 1843.00 | 13730.35 |
| 38.| Cement concrete flooring 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete.  
  50mm thick with 20mm nominal size stone aggregate.                                                                                                  | 17.50 m² | / m² | 133.60 | 2338.00 |
| 39.| Providing and fixing aluminium sliding door bolts ISI marked anodized (anodic coating not less than 1 No. /each 2 Nos. /each)                                                                               | 1 No.    | / each | 90.70 | 90.70  |
|   |                                                                                                                                                | 1 No.    | / each | 40.45 | 40.45  |
|   |                                                                                                                                                | 2 Nos.   | / each | 33.05 | 66.10  |
grade AC 10 as per IS 1868) transparent or dyed to required colour or shade with necessary nuts and screws etc. complete.
a) 300x16mm  
b) Tower bolt 250x10mm  
c) Handle 125mm

<p>| 40. Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked indicating the BIS License No. with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank (Sintex, Electroplast, Star, Lotus or equivalent having valid ISI License). | 100 /ltr. Capacity | /ltr. Capacity | 3.95 | 3950.00 |</p>
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Rate 1</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>41.</td>
<td>Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively</td>
<td>1 No. /each</td>
<td>378.65</td>
<td>378.65</td>
<td></td>
</tr>
<tr>
<td>42.</td>
<td>Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings: a) Flat back wash basin of size 450x300mm</td>
<td>1 No. /each</td>
<td>350.45</td>
<td>350.45</td>
<td></td>
</tr>
<tr>
<td>43.</td>
<td>Brick on edge flooring with bricks of class designation 50 including cement slurry etc. complete in cement mortar with F.P.S bricks: a) 1:6 (1 cement : 6 coarse sand)</td>
<td>34.55 m² / m²</td>
<td>180.22</td>
<td>6226.60</td>
<td></td>
</tr>
</tbody>
</table>
44. Excavating trenches of required width for pipes, cables etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5m including getting out the excavated soil and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50m.
   a) Pipes, cables, etc. exceeding 80mm dia but not exceeding 300mm dia.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6.00 m</td>
<td>/ m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>95.55</td>
<td>573.30</td>
</tr>
</tbody>
</table>

45. Providing and fixing C.I. Brackets.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1 Pair</td>
<td>/ each pair</td>
</tr>
<tr>
<td></td>
<td></td>
<td>43.56</td>
<td>43.56</td>
</tr>
</tbody>
</table>

46. Providing 32mm dia C.P. brass union

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2 Nos.</td>
<td>/each</td>
</tr>
<tr>
<td></td>
<td></td>
<td>48.20</td>
<td>96.40</td>
</tr>
</tbody>
</table>

47. Providing, fitting and fixing C.P. brass waste.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2 No.</td>
<td>/each</td>
</tr>
<tr>
<td></td>
<td></td>
<td>48.40</td>
<td>96.80</td>
</tr>
<tr>
<td>48.</td>
<td>Making the opening in brick masonry including dismantling, fixing chowkhats in floor or walls cutting masonry and fixing holdfasts in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 stone aggregate 20mm nominal size) painting two coats of coal tar to sides of chowkhats and making good the damages to walls and floors complete to match the existing surface : a) For door</td>
<td>2 Nos.</td>
<td>/each</td>
</tr>
</tbody>
</table>
49. Constructing brick masonry open surface drain with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 fine sand) including earth excavation, 10cm thick bed concrete 1:5:10 (1 cement : 5 fine sand : 10 grades stone aggregate 40mm nominal size) and 25mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size) for filling haunches including 12mm cement plaster 1:4 (1 cement : 4 coarse sand) with a floating coat of neat cement inside the drain, its top and exposed side including disposal of surplus earth complete as per standard design:
   a) With F.P.S. bricks.

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
<th>Quantity</th>
<th>Rate (per unit)</th>
<th>Amount (per unit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00 mtr F.P.S. bricks</td>
<td>267.20</td>
<td>10.00 mtr</td>
<td>2672.00</td>
<td>2672.00</td>
</tr>
<tr>
<td>Total (Rs.)</td>
<td></td>
<td></td>
<td></td>
<td>2,37,698.41</td>
</tr>
<tr>
<td>Say (Rs.)</td>
<td></td>
<td></td>
<td></td>
<td>2,37,699.00</td>
</tr>
</tbody>
</table>

Rupees Two lakhs thirty seven thousand six hundred ninety nine only.

_________% above / below / on the estimated cost.

(In figure) (in words)

Signature of the Office, Issuing Authority.

Signature of the Tenderer.