TENDER DOCUMENT

TENDER No.: BHI/PI(S)/665/997

FOR

Tender for Civil Construction works for conveyor galleries for Augmentation of Raw Material Receipt and Handling Facilities for New OHP, Part-B (Package No.-061), for Bhilai Steel Plant at Chhattisgarh.

VOLUME – IV

(Price Bid)

ENGINEERING PROJECTS (INDIA) LIMITED
(A GOVT. OF INDIA ENTERPRISE)

B- 252, Street No.-5,
Smriti Nagar, Bhilai,
Chhattisgarh- 490020
<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Rate (in figure)</th>
<th>Rate (in words)</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Earthwork in excavation by mechanical means below ground level for a depth up to 5.0 m including removal of vegetation, shrubs and debris, cutting and dressing of sides in slopes, leveling &amp; ramming of bottoms, dewatering of accumulated water and disposal or stacking of excavated material within a lead of 100.0 m as directed including providing temporary supports to existing service lines like water pipes underground cables etc. all complete but excluding shoring &amp; strutting.</td>
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<td></td>
<td>a) Upto 3.5m depth</td>
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<td></td>
<td>In all types of soils except rock</td>
<td>Cum</td>
<td>1</td>
<td>11200.00</td>
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<tr>
<td></td>
<td>Soft rock</td>
<td>Cum</td>
<td></td>
<td>750.00</td>
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<td></td>
<td>b) From 3.5 to 5.0m depth</td>
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<td></td>
<td>In all types of soils except rock</td>
<td>Cum</td>
<td>1</td>
<td>4820.00</td>
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<tr>
<td></td>
<td>Soft rock</td>
<td>Cum</td>
<td></td>
<td>300.00</td>
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<td>2</td>
<td>Providing and installing approved type of shoring &amp; strutting for all depths as wherever required to retain earth including removal of the same from site after completion of work etc. all complete.</td>
<td>Sqm</td>
<td>1</td>
<td>100.00</td>
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<td>3</td>
<td>Backfilling after execution of work to proper grade and level with excavated soil at all depths in well compacted layers of 150 mm thickness, dressing, trimming etc. in foundation and plinths.</td>
<td>Cum</td>
<td>1</td>
<td>15032.00</td>
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<td>4</td>
<td>Disposal of surplus earth and debris including shrubs &amp; vegetations from construction area beyond the initial lead of 100 m and upto 5 km.</td>
<td>Cum</td>
<td>2034.00</td>
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<td>5</td>
<td>Providing &amp; laying plain cement concrete for all depths below and upto plinth in foundations, drains, fillings, non-suspended floors, ramps etc. including shuttering, tamping, ramming, curing etc. with 20/40 mm down crushed stone aggregate complete as per specification.</td>
<td>Cum</td>
<td>215.00</td>
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<td>a) For M-10</td>
<td>Cum</td>
<td>15.00</td>
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<td>b) For M-7.5</td>
<td>Cum</td>
<td>25.00</td>
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<td>6</td>
<td>Providing and laying Reinforced Cement Concrete of M 25 grade at all depth with 20mm &amp; down size graded crushed stone aggregates in footings, tie-beams, columns etc. below ground level including cost of admixtures, if used, all complete all as per drawing and specifications.</td>
<td>Cum</td>
<td>1785.00</td>
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<td>7</td>
<td>Providing and laying Reinforced Cement Concrete of M 25 grade at all heights with 20mm &amp; down size graded crushed stone aggregates in columns, tie-beams etc. above ground level including cost of admixtures, if used, providing pockets, chamfering etc. all complete as per drawing and specifications.</td>
<td>Cum</td>
<td>199.00</td>
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<td>8</td>
<td>Supplying and placing in position High strength deformed steel reinforcement bars conforming to IS:1786-1985, Grade Fe 500 of approved manufacturer for R.C.C. work including straightening, cutting, bending to required shapes and lengths including binding wire as per drawings and specification complete with preparation of bar bending schedules.</td>
<td>MT</td>
<td>298.00</td>
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<td>9</td>
<td>Providing and fixing centering and shuttering (straight only) in foundations, footing, columns bases etc. below ground level including strutting, bracing etc. and removal of the same complete.</td>
<td>Sqm</td>
<td>1430.00</td>
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<td>10</td>
<td>Providing and fixing centering and shuttering (straight only) in columns etc. above ground level including strutting, bracing etc. and removal of the same complete</td>
<td>Sqm</td>
<td>160.00</td>
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<td>11</td>
<td>Supplying, fabricating, fixing and keeping in position threaded H.D. Bolts including nuts, washers, anchor plates etc. in columns/ beams, providing necessary templates &amp; tying/welding with reinforcement, adjustment of shuttering &amp; reinforcement, if required, greasing exposed metal surfaces, covering bolts with jute cloth etc. all complete as specified.</td>
<td>MT</td>
<td>1.50</td>
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<td>12</td>
<td>Providing and applying two coats of bitumen paint of approved quality on RCC surfaces complete as directed.</td>
<td>Sqm</td>
<td>1590.00</td>
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<td><strong>TOTAL</strong></td>
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<td></td>
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<td><strong>1590.00</strong></td>
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**Total in words**

Signature with Stamp