### Name of Work:
Construction of Overhead Tank at Bihar Police Academy, Rajgir, Nalanda, Bihar (Pkg – IV) Civil Works (Non-Scheduled)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description</th>
<th>Cost Put to Tender (in Rs)</th>
<th>Rate in Percentage (Above / Below / At Par)</th>
<th>Final Amount (in Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Construction of Over Head Tank at Bihar Police Academy, Rajgir, Dist: Nalanda, Bihar (Pkg-IV) - Civil Works (N.S) Detailed scope of work is as enclosed.</td>
<td>1,10,00,000/- (Rupees one crore ten lakh only)</td>
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</table>

Date: 

Seal & Signature of Tenderer
BILL OF QUANTITY FOR THE CONSTRUCTION OF POLICE ACADEMY AT RAJGIR IN THE DISTRICT OF NALANDA
OVER HEAD WATER TANK (CIVIL)

<table>
<thead>
<tr>
<th>S.N o.</th>
<th>Description of Item</th>
<th>Unit</th>
<th>Qty.</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Construction of RCC Overhead Tank as per architectural drawings enclosed including testing of safe bearing capacity* of soil from approved Engineering College or Soil Investigating agency approved from owner on design and build basis. The structural design along with structural drawings to be submitted to consultant for approval. The Architectural drawing indicates the desired shape for the Overhead Tank and dimensions given are indicative only. The design criteria is fixed i.e. capacity of minimum 200 KL and staging height of 22 m including all labour, material, tools and plants etc. at all levels and height including supply and fixing of adequate dia CI pipe (Class LA) with necessary fittings to be provided for inlet, outlet, overflow, scour pipe with puddle pipe flange at bottom of dome including rubber packing and nut bolts etc. as approved. The battery limit for pipes to be provided all pipes inside overhead tank and at or underground 6m away from RCC shaft with necessary control valve with masonry chamber (to make functional overhead tank complete in all respects). Scope of work in this item includes the following: RCC Spiral staircase of 1000mm clear width with 1.00 Mt. height MS railing as per design approved. Lighting Arrester, aviation light, internal lighting and external lighting central at gate (entrance).</td>
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Inside the Tank, Cat Ladder 600mm wide to be provided as per approved design with 40mm GI pipe, 25mm dia GI pipe and 900mm height railing.

For lighting and ventilation at every landing 450 x 900mm height openings to be provided with MS grills of approved pattern.

In overhead water tank water proofing of wall, base slab, roof and shaft by chemical injection method by approved agency carrying 10 years guarantee.

Outside RCC circular shaft plinth protection to be provided 2.5m wide al-round in PCC 1:3:6 (1 cement:3 coarse sand:6 graded stone aggregate 20mm nominal size) over bed of brick ballast as per standard specification.

At entrance MS door to be provided.

All external area to be finished with two or more coats of water proofing external paint weather-shield by ICI or premium acrylic smooth exterior paint with silicon additives by Asian Paints.

All inside RCC shaft area to be finished with two or more coat of white wash with lime to give an even shade.

Inside RCC shaft 25mm thick kota stone flooring to be provided as per specification.

Staircase step and riser 25mm thick rough kota stone flooring to be laid as per specification.

All steel work including railing, grilles, gate to be painted with two or more coats of water based enamel paint over steel primer etc. all complete of approved shade.

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lump sum</td>
<td></td>
<td></td>
<td>11000000.00</td>
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</table>

Note: *An amount of Rs.1.5 lacs will be debited to the contractor’s account towards soil investigation, if carried out by EPIL. Additional terms and conditions are as per next page, Annexure V, page 3 of 3*

Total: 11000000.00

Seal & Signature of Tenderer

Date:
BILL OF QUANTITY FOR THE CONSTRUCTION OF POLICE ACADEMY AT RAJGIR IN THE DISTRICT OF NALANDA

Over Head Water Tank

Additional important details for construction of Over Head Tank at Rajgir

1) Foundation of Over Head Tank will be of Pile foundation with minimum diameter of pile 750 mm. Quoted rate should include minimum length of 120m (one hundred twenty meter) pile foundation (Founding level to cut off level) of all piles (Total of all piles). For reduced length a recovery @ Rs 10000/- (ten thousand only) per meter will be made whereas for increased length as per approved design, it shall be absorbed in overall quoted rates.

2) Wherever specification, make, quantity etc is not clear, decision of Engineer In Charge will be final in such matters.

3) Extra item, if any will be paid as determined by client less 10% towards EPI overheads

Seal & Signature of Tenderer

Date: