



**TENDER DOCUMENT FOR CIVIL AND STRUCTURAL WORKS FOR MAIN UTILITY SUBSTATION  
AND SILO SUBSTATION AT BARAUNI, BIHAR**



NIT NO. : **PNPM/EM270/E/B-206**

AMENDMENT-01 DATED: 03.12.2018

REFERENCE OF BIDDING DOCUMENT

SL. NO.	CLAUSE NO./ PART/SEC.	EXISTING CLAUSE	AMENDED CLAUSE
1.	<p><b>Instruction to the Bidders:</b></p> <p><b>Clause 2.0</b></p> <p><b>SCOPE OF PROPOSAL</b></p>	<p><b>MAIN UTILITY AND SUBSTATION</b></p> <p>The scope of work is to construct substations. The scope shall consist of but not limited to the followings:-</p> <ol style="list-style-type: none"> <li>1. Substation Buildings               <ol style="list-style-type: none"> <li>i. Type : RCC framed structure</li> <li>ii. Water proofing: PU Coating</li> </ol> </li> <li>2. Transformer Foundations</li> <li>3. Trenches</li> <li>4. Firewall</li> </ol> <p>➤ <b>CIVIL WORKS</b></p> <p>The scope of civil works shall include the following main items or works related works:</p> <ol style="list-style-type: none"> <li>1. Earth work concerning site grading, top soil removal, filling and/or mass excavation (if any), excavation for foundation for Urea Bagging plant system, Floor &amp; pits etc.</li> <li>2. Stripping of pile.</li> <li>3. Reinforced cement concrete works consisting of reinforced concrete pile cap, foundations and structures for Urea Silo.</li> <li>4. Concrete trenches for piping/cables etc.</li> <li>5. Slab, Staircase.</li> <li>6. Concrete paving.</li> <li>7. Drains.</li> </ol>	<p><b>MAIN UTILITY SUBSTATION &amp; SILO SUBSTATION</b></p> <p>The scope of work is to construct substations. The scope shall consist of but not limited to the followings:-</p> <ol style="list-style-type: none"> <li>1. Substations Buildings               <ol style="list-style-type: none"> <li>i. Type : RCC framed structure</li> <li>ii. Water Proofing : PU coating</li> </ol> </li> <li><b>2. Piling works</b></li> <li>3. Transformer Foundations</li> <li>4. Trenches</li> <li>5. Fire Wall</li> </ol> <p><b>A) CIVIL WORKS</b></p> <p>The scope of civil works shall include the following main items or works and related works</p> <ol style="list-style-type: none"> <li>1. Earth work concerning site grading, top soil removal, filling and/or mass excavation (if any), excavation for foundation for Sub-stations.</li> <li><b>2. Piling works</b></li> <li>3. Stripping of pile</li> <li>4. Reinforced cement concrete works consisting of reinforced concrete pile cap, foundations and structures for Sub-stations.</li> <li><b>5. Retaining wall.</b></li> <li>6. Concrete trenches for piping/cables etc.</li> <li>7. Slab, Staircase.</li> </ol>



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		<p>8. Brick Works. 9. Fire Walls. 10. Plastering, Whitewashing, Painting. 11. Epoxy Coating of Concrete slab at different level. 12. Other miscellaneous work.</p> <p>➤ <b>STRUCTURAL WORKS</b></p> <p>The scope of structural works shall include Providing, Erecting and preparation of fabrication drawings of structural steel works for:-</p> <ol style="list-style-type: none"><li>1. Providing &amp; Erecting Structural Members.</li><li>2. Providing &amp; Fixing grating planks for platforms.</li><li>3. Providing &amp; Fixing chequered plates.</li><li>4. Providing &amp; Fixing Hand railings etc.</li><li>5. Providing &amp; Fixing Anchor bolt.</li><li>6. Providing &amp; Fixing Rail Section.</li><li>7. Other miscellaneous work.</li></ol> <p>The scope of work shall also include any other item of work required to complete the work in all respects as per the specifications, drawings and instructions of Engineer-in-charge whether specifically mentioned or not in the tender documents.</p> <p>All dimensions mentioned above are indicative and it may vary at the time of final design/execution</p>	<p>8. Concrete paving. 9. Drains. 10. Brick Works. 11. Fire Walls. 12. Plastering, Whitewashing, Painting. 13. Epoxy Coating of Concrete slab at different level. 14. Other miscellaneous work.</p> <p><b>B) STRUCTURAL WORKS</b></p> <p>The scope of structural works shall include Providing, Erecting and preparation of fabrication drawings of structural steel works for:-</p> <ol style="list-style-type: none"><li>1. Providing &amp; Erecting Structural Members.</li><li>2. Providing &amp; Fixing grating planks for platforms.</li><li>3. Providing &amp; Fixing chequered plates.</li><li>4. Providing &amp; Fixing Hand railings etc.</li><li>5. Providing &amp; Fixing Anchor bolt.</li><li>6. Providing &amp; Fixing Rail Section.</li><li>7. Other miscellaneous work.</li></ol> <p>The scope of work shall also include any other item of work required to complete the work in all respects as per the specifications, drawings and instructions of Engineer-in-charge whether specifically mentioned or not in the tender documents.</p> <p>All dimensions mentioned above are indicative and it may vary at the time of final design/execution.</p>



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SL. NO.	CLAUSE NO./ PART/SEC.	EXISTING CLAUSE	AMENDED CLAUSE
		<u>REFER PART-II, TECHNICAL FOR DETAILED SCOPE OF WORK</u>	<u>REFER PART-II, TECHNICAL FOR DETAILED SCOPE OF WORK</u>

PROJECT MANAGER  
(HURL BARAUNI)  
PDIL, NOIDA