



AN ISO 9001 & 14001 COMPANY

TENDER DOCUMENT

NIT No. SRO/CON/ETS/261 dated 04.11.2024

FOR

Tender for “Piling work for the project Provision of Administrative and Logistic Infrastructure under Wp-07 and Wp-5b At Naval Station Rambilli Visakhapatnam – package-02”

VOLUME – III

Price schedule

TENDER INVITING AUTHORITY

**Engineering Projects (India) Limited
(A GOVT. OF INDIA ENTERPRISE)
Southern Regional Office, Chennai,
3D, EC Chambers, 92 GN Chetty Road
T .Nagar, Chennai- 600 017.**

Tender Inviting Authority: ENGINEERING PROJECTS (INDIA) LIMITED

Name of Work: Tender for Piling work for the project Provision of Administrative and Logistic Infrastructure Under Wp-07 and Wp-5b At Naval Station Rambilli Visakhapatnam – package-02

Contract No: SRO/CON/ETS/261

Name of the Bidder/ Bidding Firm / Company :											
<div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</div>											
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder in Rs. P	GST Type only the Rate in Number	GST Amount in Rs. P	HSN / SAC Code	TOTAL AMOUNT excluding taxes in Rs. P	TOTAL AMOUNT including taxes Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	9	10	11	12	13
1.0	<p>PILING WORK Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of garde M-40 (Minimum cement content -as per design mix) of specified diameter and length below pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by Crawler mounted, telescopic boom hydraulic pilling Rig all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). Note:(i)Truck Mounted rotary/TMR/Tube well boring machine shall not be used. (ii) Piles are to be founded with a socketting legth of 2D into the appropriate strata</p> <p>Note: Design Mix approval shall be obtained by EPI. However RMC supply scope is with bidder. Thesource of RMC is as follows: 1) Ultratech RMC atchuthapuram 2) Sravani RMC , Atchuthapuram , base rate for M-40 is Rs . 6400.00 3) trimme pile is under bidder scope 4) the wastage of concrete shall not be separately 5) Breakig first 1.2 m depth / depth specified by DGNP is under the scope of the bidder.</p>										
1.1	500mmdia piles	item1	610.00	Rmt			0.00		0.00	0.00	INR Zero Only
1.2	600 mm dia piles	item2	1125.00	Rmt			0.00		0.00	0.00	INR Zero Only
1.3	800mm dia pile	item3	830.00	Rmt			0.00		0.00	0.00	INR Zero Only
1.4	900mm dia pile	item4	800.00	Rmt			0.00		0.00	0.00	INR Zero Only
1.5	1000mm dia pile	item5	150.00	Rmt			0.00		0.00	0.00	INR Zero Only
2.0	Steel Reinforcement for RCC work including straightening , cutting, bending and placing in position and binding all complete.										
2.1	labour charge for Fabrication, cutting , pending laying , making the pile reinforcement gauge and erection reinforcement gauge inclduing cover block , tie bars, binding wire etc (exluding cost of reinforcement Steel) Unit of measurement in kgs	item6	75000.00	Kgs			0.00		0.00	0.00	INR Zero Only
3	<p>Vertical load testing of piles in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge/Anchor piles method and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge. Note: 1. Initial and Routine Load Test shall not be carried out by Dynamic method of testing. Note: 2. Testing agency shall submitt the design of loading platform for the approval of Engineer-in-charge. Single pile above50 tonne and upto 150 tonne Safe capacity</p>										
3.1	Initial test (Test Load 2.5 times the Safe capacity)	item7	2.00	per test			0.00		0.00	0.00	INR Zero Only
3.2	Routine test (Test Load 1.5 times the Safe capacity)	item8	2.00	per test			0.00		0.00	0.00	INR Zero Only

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4	Vertical load testing of piles in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge/Anchor piles method and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge. Note: 1. Initial and Routine Load Test shall not be carried out by Dynamic method of testing. Note: 2. Testing agency shall submit the design of loading platform for the approval of Engineer-in-charge. Single pile above 50 tonne and upto 150 tonne Safe capacity										
4.1	Initial test (Test Load 2.5 times the Safe capacity)	item09	2.00	per test			0.00		0.00	0.00	INR Zero Only
4.2	Routine test (Test Load 1.5 times the Safe capacity)	item10	2.00	per test			0.00		0.00	0.00	INR Zero Only
5	Conducting routine vertical load test for 1.5 times safe load carrying capacity by means of High Strain Dynamic Load Test including provision and erection of crane- hammer-drop mechanism, acceleration and displacement velocity transducers to record both force and velocity including excavation, dewatering, preparation of pile head including building up of pile, additional reinforcement if any etc. all complete as per approved method (ASTM D4945-89), submission of test report, specifications and instructions of the Engineer for piles of following diameter :										
5.1	500 mm & 600 MM dia	item11	2.00	per test			0.00		0.00	0.00	INR Zero Only
5.2	800 mm, 900 & 100 Dia	item12	3.00	per test			0.00		0.00	0.00	INR Zero Only
6	Lateral load testing of single pile in accordance with IS Code of practice IS : 2911 (Part IV) for determining safe allowable lateral load on pile :										
6.1	Upto 50 tonne capacity pile	item13	2.00	per test			0.00		0.00	0.00	INR Zero Only
6.2	Above 50 tonne and upto 100 tonne capacity pile	item14	2.00	per test			0.00		0.00	0.00	INR Zero Only
7	Integrity testing of Pile using Low Strain/ Sonic Integrity Test/ Sonic Echo Test method in accordance with IS 14893 including surface preparation of pile top by removing soil, mud, dust & chipping lean concrete lumps etc. and use of computerised equipment and high skill trained personal for conducting the test & submission of results, all complete as per direction of Engineer-in- charge.	item15	250.00	per test			0.00		0.00	0.00	INR Zero Only
8	Conducting cross-hole test in Bored Cast In-situ piles through 50 mm diameter PVC pipes shall be embedded (minimum numbers of pipes are indicated against each diameter of piles) during the construction, including cleaning the PVC pipes, supply of testing equipment and approach, carrying out the test by a qualified and experienced personnel, interpretation of results, submission of test reports complete in all respects as directed by the Engineer, for pile having diameter of: Note:- The Test to be conducted within 3 day from the date of installation of pile otherwise payment shall not be made under this item. It shall be paid under item 2.9.6										
8.1	500 mm-(minimum 3 Numbers PVC pipes to be embedded)	item16	2.00	per test			0.00		0.00	0.00	INR Zero Only
8.2	600 mm-(minimum 4 Numbers PVC pipes to be embedded)	item17	2.00	per test			0.00		0.00	0.00	INR Zero Only
8.3	800 mm-(minimum 5 Numbers PVC pipes to be embedded) (the same applicable for 900 mm or 1000 mm dia)	item18	2.00	per test			0.00		0.00	0.00	INR Zero Only
9	Conducting standard penetration tests as per IS: 2131 through pipe in all types of soil during boring only for such piles as directed, all as specified at every one metre interval, 16 m onwards from existing ground level and recording accurately the penetration.	item19	100.00	per test			0.00		0.00	0.00	INR Zero Only
10	Fabrication , Erection and Driving of 6mm / 8mm thick liner maximum upto 8.00m depth for any dia unsign rigs, cranes and including all tool and tackles. Liner material will be supplied by EPI	item20	23500.00	Kgs			0.00		0.00	0.00	INR Zero Only
Total in Figures									0.00	0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only									