OFFICE OF THE EXECUTIVE ENGINEER (MECHANICAL)
IRRIGATION MECHANICAL DIVISION, GAYA

Letter no.-...../ Gaya Date- .....

Short Term Notice for Inviting Quotation No.-02/2026-27

This Quotation is being invited for the Rate of **Manufacturing, Supply, Fitting, fixing and installation of Automation/SCADA System for 6 Nos U/S & 05 Nos Left H/R Gate, 5 nos. C/R gates & 1 nos. H/R at Lilajan weir and Data Transfer from Control room to Monitoring Room, Anishabad, Patna** under the project "Construction of Reservoir for availability of Raw water to Integrated Manufacturing Cluster (IMC), Dobhi Gayaji".

The Submission of rates (exclusive of GST & Labour cess) under this quotation does not guarantee for the award of work. It is advised to submit their quotation only after proper site inspection. Quotation shall be accepted by registered post or on official e-mail id- eeimdgaya@gmail.com till 24.10.2026.

The detailed technical particulars can be viewed on the departmental website: https://wrd.bihar.gov.in

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Name of Work - Manufacturing, Supply, Fitting, fixing and installation of Automation/SCADA System for 6 Nos U/S & 05 Nos Left H/R Gate, 5 nos. C/R gates & 1 nos. H/R at Lilajan weir and Data Transfer from Control room to Monitoring Room, Anishabad, Patna Under Irrigation Mechanical Division, Gayaji.

Sl. No.	ITEM OF WORKS	Qty.	Unit	Rate (Rs)	Amount (Rs)
1	Supply, Fitting, fixing, Fabrication, erection, commissioning and Testing of charges of complete Automation system and (New SCADA) system in 11 Nos. Steel gates(06 nos. Under Sluice & 05 H/R gate) including Main control Panel with all accessories in Control room and local Control Panel with all accessories at each gate including all required cables, switches new local control panel , RTU with new and latest model of PLC IP 67 Rating , VFD and other required components for smooth operation of system & gate as per specification & direction of E/I. Make Siemens/ Scheneider/ Advantech/ Rockwell/ ABB or of any reputed brands	17	Each		
2	S/F/F of new Encoder/ Sensor with gear assembly rotary magnetic shaft 24 Volt DC as per specification & direction of E/I. Make P+F / Potel/ Baumer or of any reputed brands	17	Each		
3	S/F/F of Laser based secondary gate position Sensor including Mechanical mounting arrangement and reflector all complete as per specification & direction of E/I. Make P+F/ Siemens/Vega or of any reputed brands	17	Each		
4	S/F/F of Cable tray as per specification & direction of E/I.	700	Per Mtr.		
5	S/F/F of River water level sensor (Up & Down stream) - Radar / Ultrasonic with all mounting arrangement - 25 Meter or above as per specification & direction of E/I. Make E+H/ Siemens/Vega, Schneider or of any reputed brands	3	Each		
6	S/F/F of Local Junction Box for Supply to 50 Watt Flood Lights at each Control Panel with Switching arrangement to enable local Control of Flood Lights.	17	Each		
7	Installing new Remote control panel with new and latest PLC system, annunciator, HMI and communication accessories required for smooth operation. as per specification & direction of E/I. MakeSiemens/Schneider/Advantech/Rockwell / ABB or of any reputed brands	1	Each		

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8	S/F/F of Latest SCADA Software with Software development (including all necessary computer programming & source code) and Secured communication link establishment including cost of main SCADA license, 2 additional runtime SCADA license for Control Room and Anishabad, SCADA designing and Programming, PLC logic programming, Automatic report generation and SMS sending feature. as per Specification & direction of E/I. MakeSiemens/Schneider/Advantech/Rockwell / ABB or of any reputed brands	1	Each		
9	Supply of all "AS BUILT" Block Diagram, Schematic Circuit Diagram, Single line Diagram, Wiring Diagram, & Logic Diagram etc. of all Components of SCADA System including Electrical Supply System at Weir Hoist Platform in digital format along with hardcopy for Department usage.	2	Each		
10	S/F/F of Industrial grade Computer with Latest Windows software with Keyboard, Mouse, UPS, Printer as per specification & direction of E/I.	1	Each		
11	S/F/F of Online UPS 10 KVA with 1 hour backup(On full load) with batteries as per specification & direction of E/I. MakeSchneider/Siemens/Vertiv or of any reputed brands	1	Each		
12	S/F/F of Touch Screen HMI 12" including cost of Hardware, Runtime SCADA License Cost as per specification & direction of E/I. Make Siemens/ Schneider/ Advantech/ Rockwell/ABB.	1	Each		
13	S/F/F Laptop i7 for SCADA system Backup and Troubleshooting of SCADA System. Make HP/ Dell/Lenovo or of any reputed brands	1	Each		
14	S/F/F of Laser Printer. Make Canon/ HP or of any reputed brands	1	Each		
15	S/F/F of Moving Chair for Operator as per specification & direction of E/I.	1	Each		
16	S/F/F of Managed Switch with Panel for Fiber Optic and Ethernet Port as per specification & direction of E/I.	1	Each		
17	S/F/F of High speed Broadband Connection including 5 Years O & M Charges.	1	Each		
18	S/F/F of 1.5 Ton 5 Star Split Invertor AC (Copper Condenser) with Indoor & Outdoor unit complete set as per specification & direction of E/I. Make Voltas/LG/Whirlpool/Gogrej/Samsung or of any reputed brands	1	Each		

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19	S/F/F of 400 mm 3 Blade Wall Fan with complete job as per specification & direction of E/I. MakeUsha,Bajaj,LG,Luminous,Havells,Crompt on or of any reputed brands	3	Each		
20	S/F/F of Furniture Made Table with Multi Storage Space with Keyboard and CPU File Shelf as per Suitable size in Control Room & Monitoring Room,Patna.	2	Each		
21	S/F/F of Official or Lawn Garden Chair with Leather Cushion seat Back with arm Chair as per Suitable size in Control Room & Monitoring Room,Patna.	4	Each		
22	Providing for supplying fitting and fixing of L.T. Cable 2 core 2.5 mm^2, copper cable 3 core 4 mm^2, copper cable 4 core 4 mm^2, copper cable 12 core 4 mm^2, as per site requirement, copper cable (Make - SIEMENS/ INCABE/ GLOSTER/ NICCO/HAVELS) with all accessories complete job as per (Indian Electricity Act.) specification and direction of E/I.	1	Item		
23	Supply, fitting and fixing of junction Box 400mm X 300mm x 120mm for power Distribution on Hoist Platform Complete with 4 way Bus bar and Bus bar Support with all labour and Materials as per specification and direction of E/I.	5	Each		
24	Supply, fitting & fixing, Installation Testing and Commissioning (SITC) of 1 No. 63 KVA Silent Mode D.G. Set comprising M& M make Engine/ Kirloskar/ Crompton/ Greave Cotton/ Commons/ Ashok Leyland make 3 phase 415 V 50 HZ alternator mounted on a common base frame along with other accessories i.e. fuel tank, manual control panel, Battery with leads and acoustic enclosure with foundation installation, earthing change over switch Cable and all required works as per specification and direction of E/I. at weir site.	1	Each		
25	Supply, fitting and fixing of L.T. Distribution panels (reputed make) for Hoist Motors, Hoist Bridge lighting with materials and labour as per direction of E/I.	1	Each		
26	Supply, fitting, fixing installation and commissioning of 16 Metre high mast with led luminaries 8 nos per pole, Rated power 250 watt required illumination atomized timer including Civil Work all accessories of Standard make as per specification and direction of E/I.	1	Each		
27	S/F/F of Configuration of Firewall with IPV6 Networking Switch of cisco/Netgean/D-Link make for Secure transmission Data in SCADA System at Control Room & Monitoring Room, Anishabad, Patna.	2	set		

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28	Industrial grade computer with Latest Windows software with Keyboard, Mouse, UPS, Printer Monitoring Room at Anishabad, Patna as per specification & direction of E/I.	1	Each		
29	S/F/F of Online UPS 10KVA with 2 hour backup with batteries Monitoring Room at Anishabad, Patna as per specification & direction of E/I. MakeSchneider/Siemens/Vertiv or of any reputed brands	1	Each		

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