



राष्ट्रीय प्रौद्योगिकी संस्थान - आंध्रप्रदेश
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
Near National Highway No. 16, Kadakatla, Tadepalligudem – 534101
West Godavari District, Andhra Pradesh

Ref. No.: NITANP/SMMD/TENDER/2025-26/ 04

Date: 24-04-2025

TENDER ENQUIRY

Sub: Pre-Requisite works for Installation of XRD Equipment Including Civil and Electrical-Quotation invited –Regd.

Please send your lowest quotation for the above work as per the details attached in **Annexure-1**. The quotation is to be sent in a sealed envelope to the following address:

**C/o Tender Box
Material Management & Disposal Section,
Sardar Vallabhbhai Patel Administrative Building
NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH,
Near National Highway No. 16, Kadakatla,
TADEPALLIGUDEM – 534101
West Godavari District, Andhra Pradesh.**

The quotation has to be sent by Post (Ordinary / Register / Speed Post) or drop in Tender Box physically. (Any other mode will not be accepted)

The envelope must be superscribed as “**QUOTATION**” at the center of the envelope and the above **reference number at left top** along with the name of the tender on the envelope. Quotations without the above superscription **will not be accepted**.

The last date to receive the sealed quotation is 14.05.2025.

Annexure-1**Name of the Work:** Pre-Requisite works for Installation of XRD Equipment Including Civil and Electrical

CIVIL WORKS			
S NO	DESCRIPTION OF ITEMS	UNITS	QUANTITY
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge	cum	0.53
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :		
	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	0.53
3	15 mm cement plaster on the rough side of single or half brick wall of mix :		
	1:4 (1 cement: 4 fine sand)	sqm	4.2
4	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)		
		sqm	4.2
5	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge	sqm	5.4
6	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):" With float glass panes of 5 mm thickness (weight notless than 12.50 kg/sqm)"		
		sqm	5.4
7	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :"		
	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) External member of the frame Jindal Section - No: 4605 Internal Member - No: 4604 Snap beading on both side - No:4407	kg	27

8	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)		
	Top and Bottom rail - Jindal Section 4510 Lock rail - Jindal Section 4524 Hanging style - Jindal Section 4524 Meeting style - Jindal Section 4526 Alluminium Snap Beading - Jindal Section 4497		
	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	kg	45
9	Providing and fixing Stainless Steel tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc. complete as per direction of Engineer-in-Charge Polyester powder coated minimum thickness 50 micron Stainless Steel tubular handle bar	each	2
	Provision for Door Lock set	Nos	1
10	Provision for Iron Door with Frame (2.10 x 1.80 M)		
11	Provision for Unforeseen Items		

ELECTRICAL WORKS

Prerequisite works Prior to XRD instrument Installation which include laying of electrification to Support 200A 4Pole MCCB enhance from the existing load & fixing AC facilities. The detailed work-related inventory is attached

S NO.	DESCRIPTION OF ITEMS	MAKE	UNITS	QUANTITY
1	63A 4P MCB	Legrand/ABB/L&T	Nos	1
2	4Module PVC Gang Box		Nos	1
3	10Sq mm 1C copper Wire (R-75,Y-65,B-65,BI-75,G-65m)	Policab/Havells/Finolex	mts	345
4	Earth Pit(4.5M long 40mm dia GI Earth Pipe including Accessories with cover plate& coal and Salt-25*5mm Copper Strip(6mtr) connection with nut &Bolts)Include excavation and re-filling		Nos	3
5	12 Way Metal DB	Legrand/ABB/L&T	Nos	1
6	63A 2P MCB	Legrand/ABB/L&T	Nos	2
7	32A 2P MCB	Legrand/ABB/L&T	Nos	1
8	16A 1P MCB	Legrand/ABB/L&T	Nos	4
9	6A 1P MCB	Legrand/ABB/L&T	Nos	2
10	3Moduler Surface Box	Legrand/Goldmedal/GM	Nos	2
11	3 Moduler Plank	Legrand/Goldmedal/GM	Nos	2
12	6A Switch	Legrand/Goldmedal/GM	Nos	1
13	6A Socket	Legrand/Goldmedal/GM	Nos	1
14	2.5 Sq mm 1C copper Wire(R-42,BL-42,G-66)	Policab/Havells/Finolex	mts	150

15	8 Moduler Surface Box	Legrand/Goldmedal/GM	Nos	2
16	8 Moduler Plank	Legrand/Goldmedal/GM	Nos	2
17	6 & 16 A Socket	Legrand/Goldmedal/GM	Nos	10
18	16 A Switch	Legrand/Goldmedal/GM	Nos	9
19	16A Socket	Legrand/Goldmedal/GM	Nos	3
20	4 Sq mm 1C copper Wire(R-80,BL-30,G-30)	Policab/Havells/Finolex	mts	140
21	12 Moduler Surface Box	Legrand/Goldmedal/GM	Nos	1
22	12 Moduler Plank	Legrand/Goldmedal/GM	Nos	1
23	1 Inch PVC Pipe	Goldmedal/Finolex/Prince	Nos	25
24	1 inch Long Bend	Goldmedal/Finolex/Prince	Nos	12
25	1 inch Short L Bend	Goldmedal/Finolex/Prince	Nos	12
26	3/4 Inch PVC Pipe	Goldmedal/Finolex/Prince	Nos	8
27	1-3/4 inch pvc Reduser	Goldmedal/Finolex/Prince	Nos	5
28	1 inch 3 Way PVC Box	Goldmedal/Finolex/Prince	Nos	5
29	1 inch 2 Way PVC Box	Goldmedal/Finolex/Prince	Nos	5
30	1 inch PVC T Bend	Goldmedal/Finolex/Prince	Nos	5
31	1 inch PVC Clamp with Nail	Goldmedal/Finolex/Prince	Nos	100
32	3/4 inch PVC Clamp with Nail	Goldmedal/Finolex/Prince	Nos	20
33	1 1/2 inch Screw		Nos	100
34	5 No Fisher		Nos	100
35	Electrical insulation Tape(R,Y,B,G)		Nos	12
36	10Sq mm Copper Legs Pin Type		Nos	16
37	10Sq mm Copper Legs Ring Type		Nos	16
38	25 mm 1 feet DrillBit	Taparia/Bosch	Nos	1
39	5 mm Short DrillBit	Taparia/Bosch	Nos	3
40	3/4 inch Flexible pipe		mts	5
41	1 inch Flexible pipe		mts	5
42	200A 50kA 4 Pole MCCB along with Extended rotary handle (With Required Clamps &Other Accessories)	Legrand/ABB/Schneider	Nos	1
43	1Pole MCB PVC Gang Box		Nos	2
44	2 moduler Surface box	Legrand/Goldmedal/GM	Nos	2
45	2 moduler Plank	Legrand/Goldmedal/GM	Nos	2

Note: Bidder must have any one of the below registration certificates.

1.CPWD class v Civil (or) above.

2.Any State Government PWD class v Civil (or) above.

While sending your lowest quotation – please specify the following:

1. Sales Tax : Inclusive
- GST : Indicate prevailing tax on percentage basis.
2. Excise Duty :
3. Rates
 - a) F.O.R. Destination/

- b) Estimated Packing, Forwarding and Freight Charges in case of Ex-works only, may be mentioned on percentage basis.
Insurance : Inclusive/ indicate on percentage basis, in case payable by the Institute.

5. Preferred terms of payment (institute rules permit to pay on Receipt of materials in good condition/completion of the work):
6. Recommended mode of transport :
7. Discount offered, if any :
8. Validity of the offer :
9. Firm schedule of completion of work :
10. Detailed drawings / catalogues / Leaflets / literature / samples may be furnished wherever feasible / required.
11. Please indicate clearly whether the rates quoted herein are the same as applicable to DGS & D / Government Department / Other Public Sector Undertakings.
12. The supplier shall invariably furnish the **Certificate of Clearance of GST Registration number along with the quotations.**
13. The quotation should not contain any handwritten text except the Price quoted.
14. All the Submitted documents must be duly signed by the bidder along with the firm's seal.
15. Please mention the Quotation number and name of the item/s (in brief) on your envelope when submitting your quotation to the Institute.
16. Please note that the Director reserves the right to modify or alter the specifications and also to reject any or all the Quotations without assigning any reasons thereto.
17. The suppliers / firms are informed not to call on us without prior appointment.
18. The Institute is not responsible for delays / loss in postal transit or due to any other reasons.
19. Any Violation in the terms and conditions, the bidder will be made ineligible for the contract.

Yours faithfully,

Head of the Department



सह अधिष्ठाता / Associate Dean
CENTRAL STORES & PURCHASE SECTION
NIT Andhra Pradesh

