



ENGINEERING UNIT  
INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI  
भारतीय प्रौद्योगिकी संस्थान तिरुपति

Yerpedu – Venkatagiri Road, Yerpedu Post, Tirupati District, Andhra Pradesh – 517619

Email: eu@iittp.ac.in

NIQ No: IITT/PC/NIQ/004/2023-24

DATE: 29.12.2023

**Notice Inviting Quotation**

IIT Tirupati hereby invites paraffin wax-sealed quotations for the work mentioned below up to 3.00 PM on 05.01.2024 from eligible contractors/agencies with similar work experience in civil works. The quotations will be opened at 3.30 PM on the same day.

**Name of the work:** Providing Supply and fixing of SS Perforated trench grating for drains at the New dining block and MS sheet shed for the boiler along with Internal water supply for the Incubation Centre at Permanent Campus IIT Tirupati – Reg

**Estimate Cost: Rs. 4,72,218/- (inclusive of all taxes)**

**Terms and Conditions:**

1. IIT-Tirupati shall make no advance payment.
2. The time for completion of works shall be **15 days** from the date of placing the confirmed order by IIT-Tirupati. Backing out after a quotation will prevent such agencies from participating in future quotations of IIT Tirupati. The bidder may email queries to eu@iittp.ac.in or submit them in hard copy to the IIT Tirupati office on all working days one day before the last quotation submission date.
3. The blank quotation can be obtained from the IIT Tirupati website: <https://iittp.ac.in/tenders>
4. All agencies must submit their quotation in hard copy in a **paraffin wax-sealed** Envelope to this office by suitable means on and before 3.00 PM on 05.01.2024. The quotation received after the date and time specified above shall not be accepted. Any delays, postal delays, etc., will not be entertained. The agency should quote for all the items in the BOQ. The bid shall be submitted in the original bid document (as issued by the IIT Tirupati), superscribing the name of the work. Quotations will be opened on the same day, i.e., 05.01.2024 at 3.30 PM, in the presence of the bidder or their authorized representatives, if any. The firm's offer should be commercially clear, including acceptance of all terms and conditions without assigning any reasons.
5. Without the paraffin wax seal, the quotation shall be treated as invalid.
6. Quoted rates should be inclusive of the cost of all the materials, labour cost, octroi duties, cost of samples, and fees towards testing of materials in labs, royalties, etc., complete. Nothing extra shall be paid.
7. All approved makes shall be as specified in BOQ and CPWD specifications; the agency should gather technical data and obtain prior approval on the makes of various materials from IIT Tirupati before taking up work.
8. The successful agency shall make its own arrangement for all Tools and tackles for work, etc., complete in view of the completion of work. Electricity shall be provided free of cost to an agency at one source, and the agency should make its own arrangement to safely tap power from a source to a work location.

9. TDS and other applicable taxes and cess will be deducted from the bills of the work.
10. Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specification & as per instruction of IIT Tirupati wherever CPWD/IS specifications are unavailable.
11. The contractor shall ensure that minimum wages should be paid to the laborers and employees in accordance with labor laws.
12. The agency must submit computerized measurement and abstract sheets to IIT Tirupati for payments.
13. The works should be completed within the stipulated time, i.e., 15 days after awarding the work. If not, liquidity damages will be recovered at 1% of the work order value per week subjected to maximum of 5% of the work order value.
14. The amount quoted for items should be as specified in the BOQ.
15. Following the latest developments and restrictions imposed in the country and state in view of COVID-19, the agency should strictly comply with the rules and precautionary measures mentioned in the state government's orders from time to time. The submission of bids should be in the tender box placed at the institute's main gate. Also, the successful agency should ensure all safety precautions and social distancing norms during the execution of work.
16. The contractor shall submit a sealed quotation with a covering letter (Neatly typed) on their letterhead. **Without submitting the cover letter, the quotation shall be treated as invalid.**
17. The contractor should mention the work's name and the Contract Agencies' address on their sealed envelope.
18. A Blacklisted contractor or a contractor who has not executed the previous works for IIT TIRUPATI to a satisfactory level is not eligible for participation in this tender. The tender submission by such a contractor will not be accepted.
19. All payments to be made to the Contractor under this contract shall be by NEFT or RTGS within a reasonable time, after the certification of bills by the execution department.
20. For Any Queries, you may contact the Engineering unit by mail at [eu@iittp.ac.in](mailto:eu@iittp.ac.in) or by Phone at Junior Engineer-IIT Tirupati **Mr.Manoj 7702067816**
21. The contractor should send a sealed envelope to the following address

**The Head, Engineering Unit  
Indian Institute of Technology Tirupati  
Engineering Unit, Permanent Campus,  
Yerpedu-Venkatagiri Road, Yerpedu Post,  
Tirupati District, Andhra Pradesh – 517 619.**

- Encl: 1. Price Bid as per Annexure – I  
2. Schedule of Quantities as per Annexure-II & III



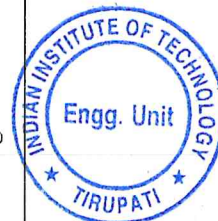
*N. Padgumodity 29/12/23*  
for **Executive Engineer (Civil) [J/C]**



## Annexure-2

Name of work:- Providing Supply and fixing of SS Perforated trench grating for drains at the New dining block and MS sheet shed for the boiler along with Internal water supply for the Incubation Centre at Permanent Campus IIT Tirupati – Reg

S.No	Description of Work	Unit	Qty
<b>A)CIVIL-Incubation centre</b>			
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.		
	All kinds of soil	cum	1.08
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	0.60
3	Structural steelwork in a single section, fixed with or without connecting plate, including cutting, hoisting, welding, fixing in position, and applying a priming coat of approved steel primer all complete.	kg	533.70
4	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	sqm	15.70
5	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	57.70
6	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :		
	Ridges plain (500 - 600mm)	Rm	4.00
7	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :		
	300x16 mm	each	1.00
8	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc. complete :		
	75x60x3.10 mm	each	6.00
9	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :		
	200x10 mm	each	2.00
10	Providing and fixing ISI-marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :		
	125 mm	each	4.00
11	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.		
	25 mm nominal dia Pipes	metre	130.00
12	Providing and fixing various items of CpvC fittings like (CPVC 25MM Mta-4 nos,3/4 cpvc Gate valve-30,1" cpvc gate valve-4nos,3/4 GI Nipple-30nos,25mm cpvc Dummy-10nos,25mm cpvc brass tee-10 nos,1.25" cpvc MTA-30 nos,1.25" cpvc Reducer-30 nos includes jointing of pipes & fittings with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	LS	1.00
<b>13 Electrical</b>			
	Supplying and laying FRLS PVC insulated copper conductor, two core cable in surface medium class PVC conduit as required	metre	70.00
<b>B)Hostel-kedar,Basanth,Des</b>			
14	Supply and fixing of Glass Mirrors for washrooms with 6mm thick silvered mirrors with float glass maximum reflection,free from tarnishin,discoloration,scratches and other defects visible in the viewing conditions(core material :class A cross linked acrylic safety backing to BS6206B) including edge polishing with back support 6mm plywoods,adhesives,screws,transportation with safely delivered at site and fixing in above all respect as per direct engineer in charge.	sqm	15.00
<b>C)Dinning Block-SS Grating</b>			
15	Supply and fixing of SS Trench Grating filter: made out of ss perforated sheet including transport fixing with labours with all respect as per direct engineer incharge.	sqm	30.00
16	Supply and fixing of SS Trench grating full set with L angle,25mm sq pipe frame and filter including transport fixing with labours with all respect as per direct engineer incharge.		
	(16"x16")	Nos	2.00
	(12"x12")	Nos	2.00
<b>D)Engineering Unit</b>			
17	Supply of EuroAluminium LadderSystems Euro Prox Telescopic Ladder 6.2 Meter (20.6 ft) - Stores at 3.8 ft - Detachable Hooks - Zero Flex Technology (Rock Solid)- Red Que Safe Step - Stabilizer,Anti Skid feet & Wheel Kit. 1.New Detachable Hook Kit gives the Ladder unmatched versatility. Acclaimed World's most portable step ladder.Made with Aerospace grade AL+MAG Alloy.Ultra Light .Ultra Potable. Now with Zero Flex Technology which reduces the bending & flexing of the ladder by 95% when compared to other telescopic ladder for Assured safety & stability . True Tele tech Advanced Telescopic Mechanism 2. World's first Tip N Glide Wheels & The Ultra Stabilizer for unmatched ease of use & stability . Every Rung , every Rivet is machined with precision robotics Storage Height : 3.8 ft (Ultra portable) Reachable height : 23 ft Total height : 20.6 ft -Max loading capacity : 150 kgs - Material : Aerospace grade Sand Blasted Aluminium - Threaded Step for Grip & Support 3.Euro Telescopic Aluminium ladder 6.2 meter is a strong, safe and versatile wall support ladder made of high grade aircraft aluminium , can be used anywhere for homes, offices and ideally for professionals who need to carry the ladder to the work site.This ladder stores in a very compact space and extends in 1 foot increments. It has threaded rubber feet for maximum grip on slippery surface  Visual Locking   Heavy Duty 4.Export Quality Package   Thermocol & Bubble Wrapped   Hook Kit (2)   Anti Skid Feet (2)   Stabilizer Bar   Tip N Glide Wheel Kit (2)   End Caps(2)   Fixing Screws (2)	Nos	2.00



### Annexure-3

**Name of the Work:** Providing Supply and fixing of SS Perforated trench grating for drains at the New dining block and MS sheet shed for the boiler along with Internal water supply for the Incubation Centre at Permanent Campus IIT Tirupati – Reg

**Est Cost:** Rs. 4,72,218/- (inclusive of all taxes)

**NIQ NO:** IITT/PC/NIQ/004/2023-24

**Tender Published Date:** 29.12.2023

**Tender Submission End Date:** 05.01.2024- (3.00 pm)

**Tender opening Date:** 05.01.2024-(3.30 pm)

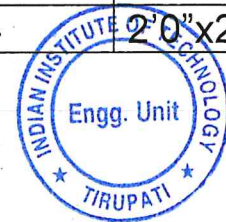
#### Scope of Works:

- Earthwork Excavation, Concrete Laying
- GI pipe Fixing, Steel Primer, Enamel Painting
- Supply and fixing of washroom mirrors, SS Gratings
- Supply of Aluminum Ladders & Laying Electrical cable

#### Materials to be Used:

- Cement –Ultra tech, Ramco, Dalmia, Birla
- GI Pipes (Round & SHS) –Jindal, Tisco, Sail
- Cpvc pipes & Fittings –Astral, Ashirvad
- Steel Primer & Paint –Asian
- Aluminum Ladder –euro Ladder System
- Washroom Mirrors – Brand (seven horses)

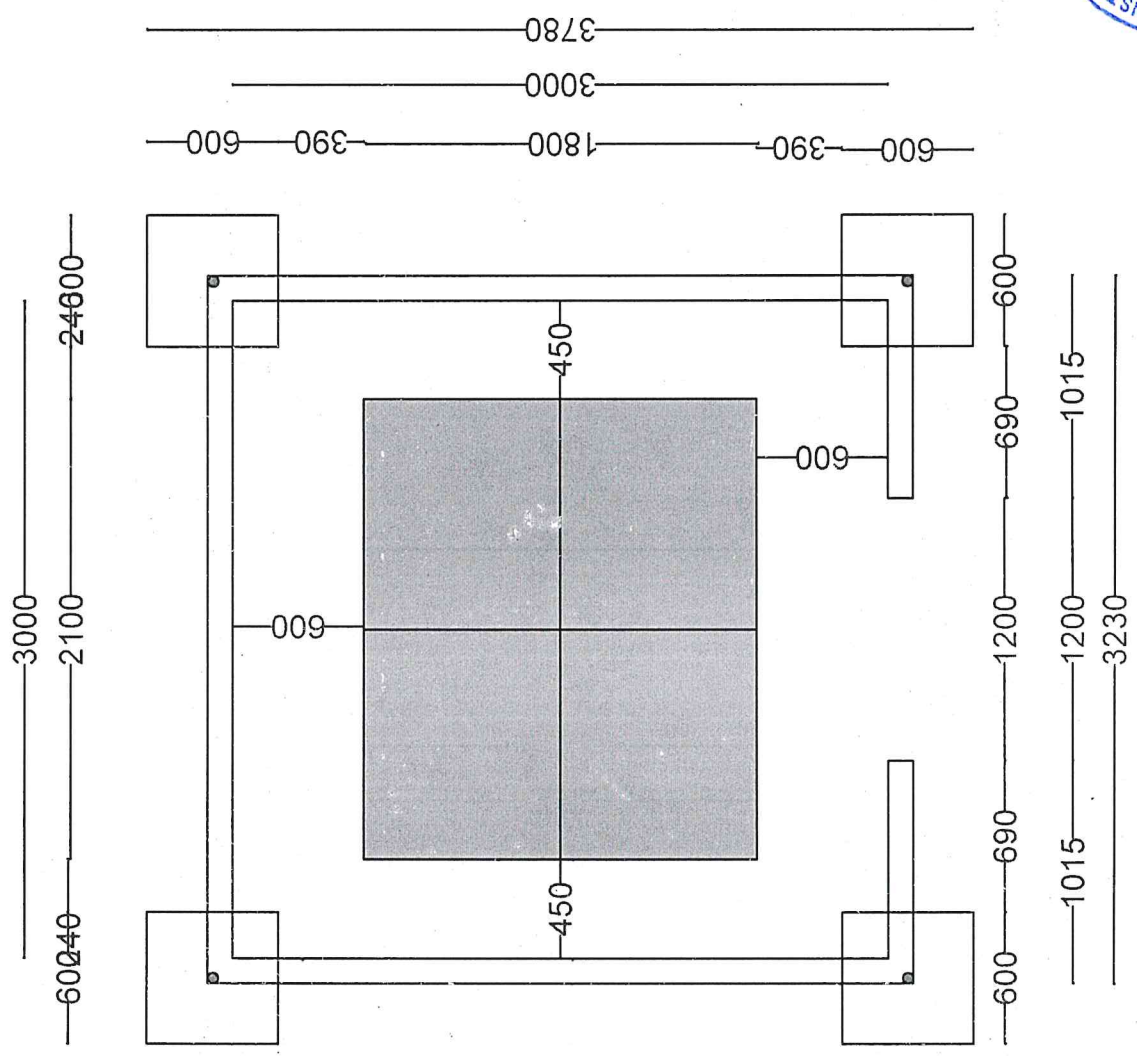
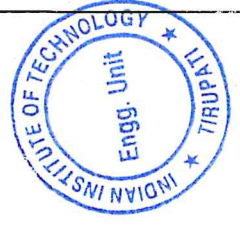
S.No	Item	Hostel	Qty in Nos	Size of the mirror in feet(LxH)
1	Washroom mirrors	Kedar	8	2'0"x4'3"
2		Basanth	8	2'0"x4'3"
3		Des	4	2'0"x2'6"



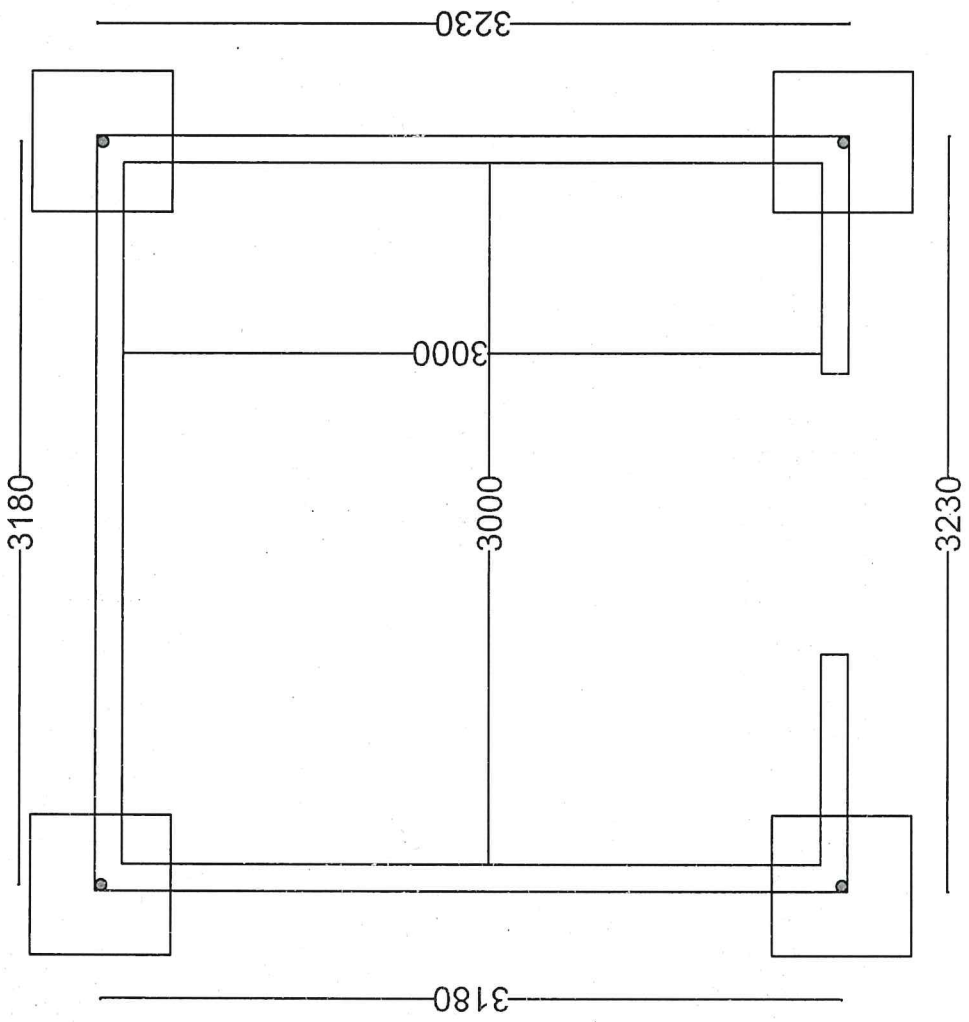
<b>Details of SS 304 Perforated Trench grating</b>			
<b>S.No</b>	<b>Description</b>	<b>Size</b>	<b>Qty</b>
1	<b>SS Trench Crating</b>	1000x250	32
2	<b>Filter: Made out of ss</b> Perforated sheet	700x250	5
3		1200x250	1
4		600x600	4
6	<b>SS Trench Crating</b>	16"x16"	2
7	<b>Full set with L</b>	12"x12"	2
8	<b>SS Trench Crating</b> <b>Filter: Made out of ss</b> Perforated sheet	1000x250	20
9		720x250	1
10		420x250	1
11		1200x250	1
12		500x250	1
13		540x250	1
<p>Note: The actual size of grating base on the approved mock of sample piece confirmed by Engineer In charge, IIT Tirupati</p>			



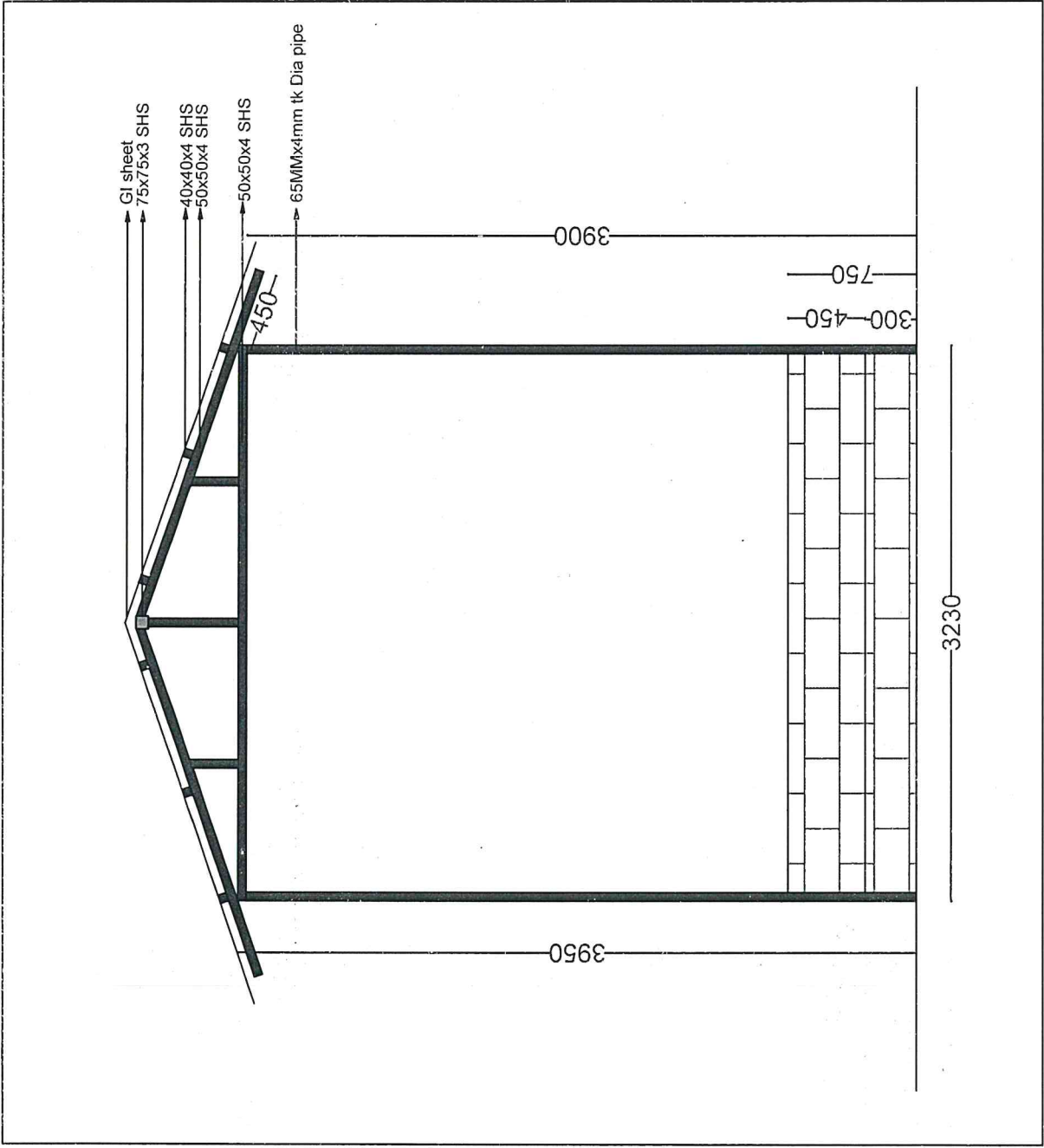




plan for Boiler Shed-A



plan for Boiler Shed-A1

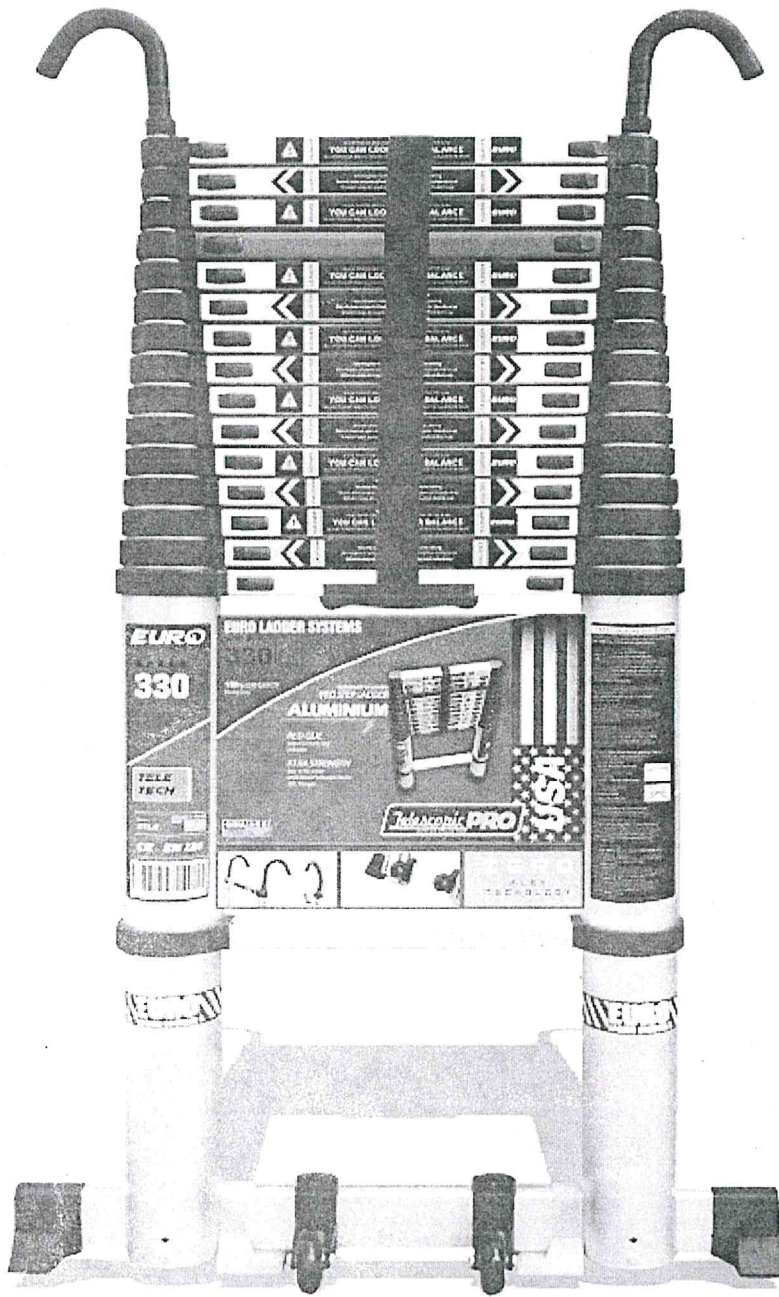


Right side Elevation



INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI YERPEDU, ANDHRA PRADESH - 517519.	
INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI YERPEDU, ANDHRA PRADESH - 517519.	INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI YERPEDU, ANDHRA PRADESH - 517519.
NAME OF THE WORK Providing & Fixing Ms shed for Boiler foundation	ISSUE DATE 27-12-2023
SCALE	CHECKED BY: S. KUMAR JEC
APPROVED BY: AEE(C)	





(LADDER IMAGES)

