

**Name of Work: Construction of MS shed platform and approach road work for
Different location of IIT Patna, Bihta Campus.**

December, 2023

BID DOCUMENT

Indian Institute of Technology, Patna

**Name of work: Construction of MS shed platform and approach road work
for Different location of IIT Patna, Bihta Campus.**

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Indian Institute of Technology Patna

1. NOTICE

Indian Institute of Technology, Patna invites the Percentage (% age) Rate e-tenders **Construction of MS shed platform and approach road work for Different location of IIT Patna, Bihta Campus** in two bids from the eligible and interested bidders who are well equipped, experience, financially sound & Govt. registered Contractors for the following works:-

1	Tendering Document No.	IITP/IWD/AZ/ 31 /2023 , dated 04/12 /2023
2	Name & brief scope of Works	Construction of MS shed platform and approach road work for Different location of IIT Patna, Bihta Campus
3	Estimated cost put to tender (ECPT)	Rs.7, 30, 222/-
4.	EMD Amount	Rs. 15, 000/- put to tender through Sbi-collect to Registrar IIT Patna
5.	Tender Cost	Rs. 1000/- including of GST to be deposited through SBI-i- collect to Registrar IIT Patna at Patna, Receipt to be enclosed.
6.	Date and Time for Issue/Publishing of tender	13/12/2023 up to 06:30 P.M.
7.	Last date of submission of tender	04/ 01 /2023 up to 3:00PM
8.	Technical bid opening	05 / 01 /2024 at 03:10 PM
9.	Financial bid opening	Date will be intimated on CPP.
10.	Retention Money	5% of the total bill will be deducted as retention money and will be returned after defect liability period (DLP) of one year. No interest will be paid on this.
11.	Bid validity	120 days from opening date of technical bid
12.	Defect Liability period	Six Months from the date of completion to the satisfaction of IITP.
13.	Period for completion	75 days

2. Eligibility Criteria

Bidder must meet the following eligibility Criteria:

A. Technical Criteria:

Contractors who fulfill the following requirements shall be eligible to apply. The Joint Ventures are not accepted.

- (i) Experience of having successfully completed works during the last 7 years ending previous day of last date of submission of tenders.
 - (ii) **Three similar completed works**, each costing not less than the amount equal to **40%** of estimated cost put to tender,
or
 - (iii) **Two similar completed works**, each costing not less than the amount equal to **60%** of the estimated cost put to tender
or
 - (iv) **One similar completed work** of aggregate cost not less than the amount equal to **80%** of the estimated cost.
 - (v) **Turnover:** Average annual financial turnover on construction works should be at least **50%** of the estimated cost put to tender during the immediate last three consecutive financial years.
 - (vi) **Profit/ loss:** The bidder should not have incurred any loss (profit after tax should be positive) in more than two years during available last five consecutive balance sheet, duly audited and certified by the Chartered Accountant.
- The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple interest rate of 7% per annum, calculated from the date of completion and up to 17.09.2023.

- i **The 'similar works' shall mean Civil work.**
- ii Experience certificate is required (completion certificates).

b) Should have valid PAN (Permanent Account Number of Income Tax) & GST Registration no. Copies of documentary evidence to be submitted.

c) It is desirable that the bidder should have valid PF Registration No. & GST registration and ESI (If required). In case, the bidders do not have PF Registration No. & GST registration the same shall be obtained, if required by successful bidder for release of payment.

d. JITP reserves all right to not to open the bid of Contractor/
firms who have been black-listed in past for the
works/ services/ supply by them for JITP. NO claim
what-so-ever shall be entertained by JITP.

B) Documents to be submitted along with technical bid:

- (a) Scanned copies of work order and experience certificates for the works completed as per the technical criteria of Tender document.
- (b) Scanned Copy of GST Registration Certificate and Govt. registration from works dept.
- (c) Scanned Copy of Pan Card.
- (d) Scanned Copies of audited annual account statement or average turnover certificates of consecutive last three financial year duly certified by chartered accountant to be submitted.
- (e) Scanned copy of valid EPF and ESIC registration or an undertaking that the firm is not required to registered under the scheme. Format for undertaking has been provided in Annexure -I.
- (f) Note: - The vendors who have/ are done the civil works successfully in last one years in IIT Patna need not to submit completion certificate and balance sheet except Annexure-I & II.

1. The tender form/bidder document may be downloaded from the website: <https://eprocure.gov.in/eprocure/app> and <https://www.iitp.ac.in> . Online submission of Bids through Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>) is mandatory. **Manual/Offline bids shall not be accepted under any circumstances.**

2. Tenderers/bidders are requested to visit website <https://eprocure.gov.in/eprocure/app> and <https://www.iitp.ac.in> regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through these two websites only.

3. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The Institute reserves the right to accept or reject any or all the tenders.

4. Earnest money Deposit (EMD) of Rs.15000/- (Rupees Fifteen Thousand only) to be deposited in the institute's account through SBI - i collect and the receipt of submission is to be uploaded along other techno financial documents. For details regarding submission of EMD, the webpage with following link may be visited:

<https://www.iitp.ac.in/images/pdf/snp/SBI%20I-Collect.pdf>

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e- TENDERING

- a. Information and instructions for Contractors will form part of NIT and to be uploaded WWW.EPROCURE.GOV.IN/IITPATNA website.
- b. The bid document consisting of scope of works and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website WWW.EPROCURE.GOV.IN/IITPATNA. But the bid can only be submitted after uploading the mandatory scanned documents as mentioned in Page 5 of NIT document in favour of Registrar, IIT Patna.
 - c. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
 - d. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
 - e. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
 - f. Tender documents consisting of specifications, schedule of quantities of the various classes of work to be done and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen on website WWW.EPROCURE.GOV.IN/IITPATNA.
 - g. The information and instructions for tenderers / bidders posted on the web-site shall form part of bid/tender documents.
 - h. The bid can only be submitted after scanning and uploading the mandatory details within the period of tender submission date as mentioned in tender notice.
 - i. This Notice Inviting Tender shall form a part of the contract document. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose documents submitted online are found in order.
 - j. The competent authority does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
 - k. In case the contractor fails to commence the work specified in the tender documents on 7th day or such time as may be mentioned in the letter of award or from the date of handing over the site wherever is later, the Institute shall, without prejudice to any other right or remedy, be at liberty to forfeit whole of the Earnest Money Deposit (EMD) absolutely.
 - l. Sales tax/GST, purchase tax, turn over tax, Excise duty, Service tax, work contract tax or any other tax and CESS on materials and Labour as applicable shall be paid by the bidder himself. The bidder shall quote his rates considering all such taxes.

m. Conditional tender will be summarily rejected.

1. ADDRESS FOR COMMUNICATION: **EE Civil (AZ)**, Indian

Institute of Technology, Patna Bihta, Amhara, Patna, Bihar –

801106, Phone – 06115-233059

GENERAL TERMS AND CONDITION

1. IIT Patna reserves the right to reject any or all tender received without assigning any reasons thereof.
2. After awarding the work as per rule. If agency is denied or not performing the work at any stages. IIT Patna may take suitable action against the agency without given any reason thereof.
3. The agency is fully responsible for the safety of working personnel.
4. All statutory deduction will be deducted as per government rules.
5. Payment shall be released through Bank Account after submission of Bill against work done. Agency has to submit the bank's details to which amount may be remitted.
6. All disputes are subject to exclusive jurisdiction of competent court and forum in Patna, India only.
7. The Executive Engineer with the approval of competent authority shall provide any time extension, if required upon submission of proper justification for the delay by the Contractor during execution of the work keeping into consideration the following points:
 - 1) The contractor must apply to the Engineer-in-charge in writing for extension of time.
 - 2) Such an application must state the grounds that hindered the contractor in the execution of the work within the stipulated time.
 - 3) Such an application must be made within 14 days of the date on which such hindrance arose.
 - 4) The Engineer-in-charge must be of the opinion that the grounds shown for the extension of time are reasonable.
 - 5) **A few items at certain locations, IIT Patna reserves right to carry out as their own. No claims whatsoever arising out of this shall be made by the contractor to IIT Patna. The qualified contractor shall be informed in advance for such items/activities.**
8. IITP will deduct a sum @ 1% of the bill amount, where electricity for the work is used from the institute source. The agency has to make their own arrangement for taking electricity, if not given by IITP.

CLAUSES OF CONTRACT

Clause – I

Compensation for Delay @ 1% per week and part there of maximum to 10% for the work which was completed during the duration beyond the stipulated period of time and no extension granted.

Clause – 2

Measurements of Works: - All running account and Final bills shall be in computerized Measurement Books (CMB's) and Bills to be submitted by the contractor as per Section-7 of CPWD works manual.

All measurements and levels shall be taken jointly by the Engineer (civil) nominated for the works and by the contractor or his authorized representative in consultation with Executive Engineer of the works for the works done in the preceding month and such measurements shall be duly signed and dated in token of their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties and to be brought to the notice of EE in-charge of works for its settlement. The duly recorded computerized running account bills with "certificate of payment" and corresponding progress photographs shall be forwarded to Executive Engineer at Institute Works Dept. for release of payment of bills. The amount admissible will be paid by 10th working day after the day of receiving of the bill.

Clause – 4

Contractor Liable for damages, defects during maintenance period: - If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road curb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever of if any defect, shrinkage or other faults appear in the work within twelve months after a certificate final or otherwise its completion shall have been given by the EE CIVIL as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer in charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

Clause 5 : Minimum Wages and age of workers:

No labour below the age of 18 years shall be employed on the work. The contractor shall comply with all the provision of the minimum wages Act, 1948, amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought from time to time.

CLAUSE 6: Directions for execution of works.

All works to be executed under the contract shall be executed under the direction and subject to the approval in all respect of the EE CIVIL of the Institute who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.

Jurisdiction: all matters arising out or in any way connected with this contract shall be deemed to have arisen in Patna and only the courts in Patna shall have jurisdiction to determine the same.

CLAUSE 8: EXECUTION OF ITEMS OTHER THAN B.O.Q ITEMS

If any items are required to be executed, other than the B.O.Q items for the completion of works, then the item will be taken from DSR' 2021. The payment for this items will be made as per the DSR'2021 rates if the item is present in DSR or as per the market rate analysis for the items not present in the B.O.Q . By applying the percentage rate plus or minus on the DSR rate.

UNDERTAKING ON LETTER PAD OF THE AGENCY

To,

**The Registrar,
IIT Patna, Bihta,
Bihar, India
801106**

Dear Sir,

We _____, address

_____, do hereby declare that our firm is not required to get

registered under the EPF and ESIC scheme of the government.

We through this undertaking confirm and undertake that we shall be liable and responsible for all labour regulated laws.

Yours Faithfully

Place:

(Signature)

Time:



ANNEXURE - II

DECLARATION OF ANNUAL TURNOVER (Balance Sheet)
(On Company / firm's Letterhead)

To,
The Registrar
I.I.T. Patna,
Bihta, Patna – 801106.

Date:

Sir,
Ref: Tender No. IITP/IWD/AZ/ 31 /2022 for “Construction of MS shed platform and approach road work for Different location of IIT Patna, Bihta Campus”.

1) I/we hereby declare that, our firm's Annual Turnover as follows, and I/we have also supported an Audited Accounts/C.A. Certificate for your references:

F. Y. 2020-21	
F. Y. 2021-22	
F. Y. 2022-23	

Yours faithfully,

(Signature of the Bidder, with Official Seal)



ANNEXURE - III

BANK DETAILS OF THE FIRM

Name of the Firm :

Registered /Postal Address :

1.	Permanent Account Number (PAN) No	
2.	GST Registration No.	
3.	BANK DETAILS:	
a.	Bank Name	
b.	Branch Address	
c.	Account No	
d.	Type of Account (Current/Savings)	
e.	MICR No.	
f.	IFSC Code	
g.	E-mail ID and Address	

Date: Name of the Authorized Signatory

Place: Stamp & Signature



LIST OF APPROVED MAKE OF MATERIALS:

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the Engineer-in-Charge are List below. However, approved equivalent material and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market and subject to written approval of the alternate brand by the Engineer-in-Charge of IIT Patna. Wherever available, ISI brand materials should be used, in case of non-availability of ISI brand materials, written approval required from IIT Patna.

Sl. No	MATERIALS	APPROVED MAKE
1.	MS pipe, Flat, Angle, channels	JINDAL, TATA, RINL, Apollo, Kamdhenu
2.	Glass	Modi Guard, Saint-Gobain ISI marked
3.	Pre-laminated board	ASIS, NOVAPAN, ARCHID PLY, CENTURY, KITPLY etc.
4.	Enamel Paint, Primer	ASIAN, NEROLAC, BURGER, BRITISH
5.	False ceiling calcium silicate tiles	Aerolite, Gypsum India, Saint-gobin, Remco (Hilux), GyproC
6.	PVC pipe and fittings	Supreme, Prince, Ashirwad
7.	Cement	Ultratech, Jaypee, Ambuja
8.	Al-Section	Nalco, Alco, ISI marked,
9.	GI profile sheet	JINDAL, TATA, JSW

Handwritten signature and date
11-12-23

Head IWD,
IIT Patna

Handwritten signature

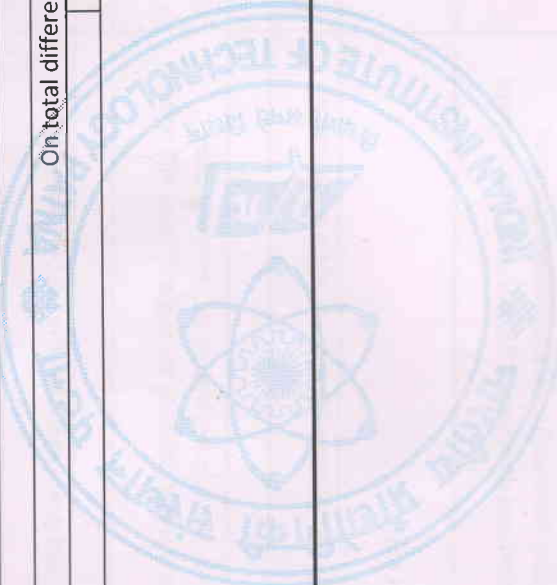
Estimating and costing of Construction of MS shed, Platform and approach road work for different locations, at IIT Patna						Annexure-I
SN	Description	Qty	units	Rate, Rs.	Dsr rate as per 2021+cost index add 9.5% on DSR items	Amount, Rs.
1	2.6 Earth work in excavation by mechanical means (Hydraulic excavator)/manual 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. 2.6.1 All kinds of soil,	20.844	cum	205.45	224.97	4689.27
2	BSR 11.74 Providing designation 100 B one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I, but excluding carriage cost of bricks & sand.	298	sqm	267.70	293.13	87352.74
3	BSR 2335 Carriage of Brick and sand (Bricks 22.35 m3+ Sand 4 m3)	26.35	cum	163.93	179.5	4729.83
4	6.2 Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: 6.2.2 Cement Mortar 1:6 (1 cement : 6 coarse sand).	11.6625	cum	5549.95	6077.2	70875.35
	Steel Work:					
5	10.16 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					
6	10.16.1 Hot finished welded type tubes 4.1 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	1152.000	kg	154.90	169.62	195402.24
	4.1.3 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)	26.968	cum	7365.15	8064.84	217492.61
7	4.3 Centering and shuttering including strutting, propping etc. and removal of form work for :					
	4.3.1 Foundations, footings, bases for columns	11.82	sqm	307.95	337.21	3985.82
8	13.62 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
	13.62.1 Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture, Qty-column and purline truss etc	61.639	Sq.m.	191.40	209.58	12918.30

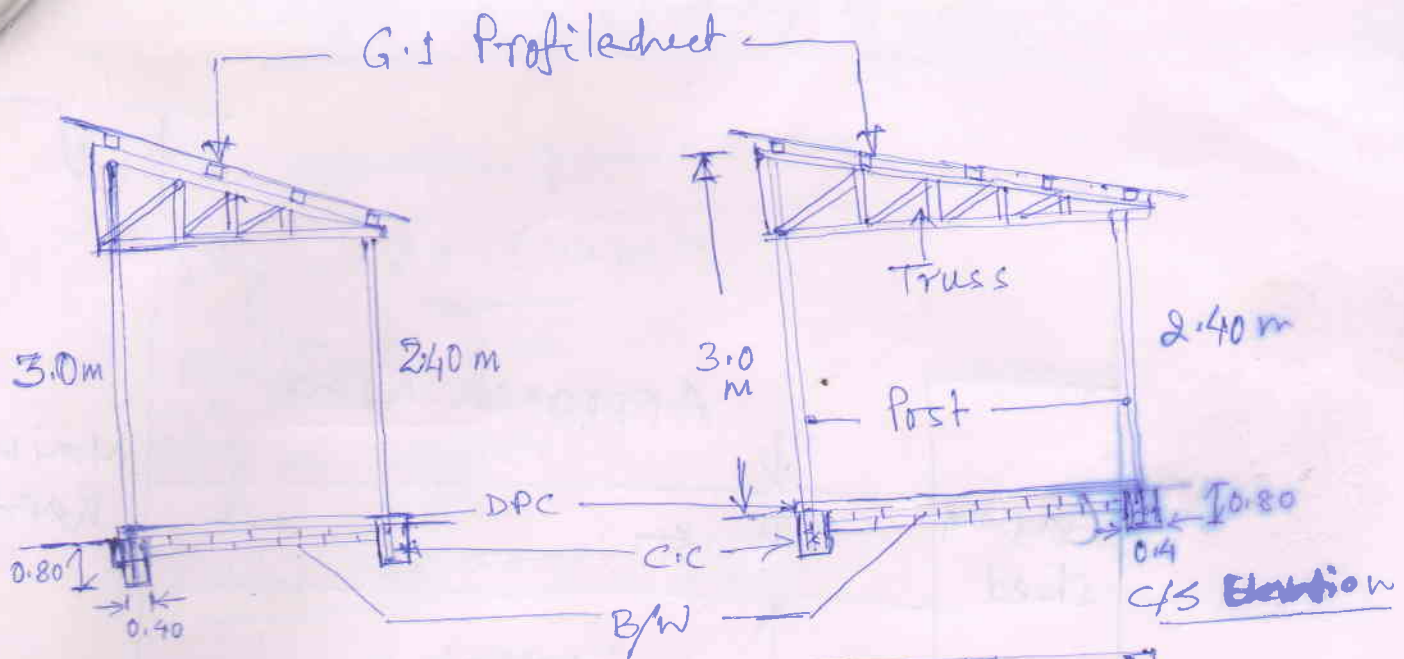


 20/11/2023

9	<p>12.50 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.</p>	142	sqm	671.55	735.35	104419.70
<p style="text-align: right;">Total, Rs.</p>						701865.86
<p style="text-align: right;">Add GST difference 18% instead of 14% on DSR items (18-14=04%)</p>						28074.63
						729940.49
<p style="text-align: right;">On total difference on GST (1% labour cess)</p>						281.00
<p style="text-align: right;">Total, Rs.</p>						730221.49
<p style="text-align: right;">G.Total, Rs.</p>						730222/- only


 AE CIVIL

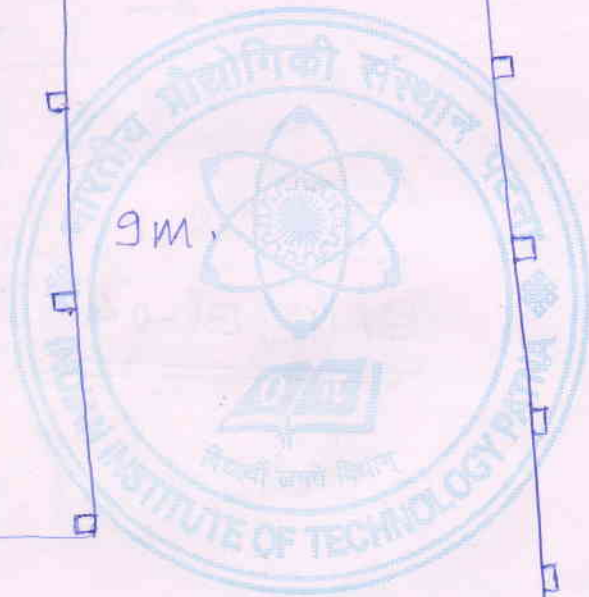




PLAN

(Geotechnical works)

DRAWING OF M.S. SHED.



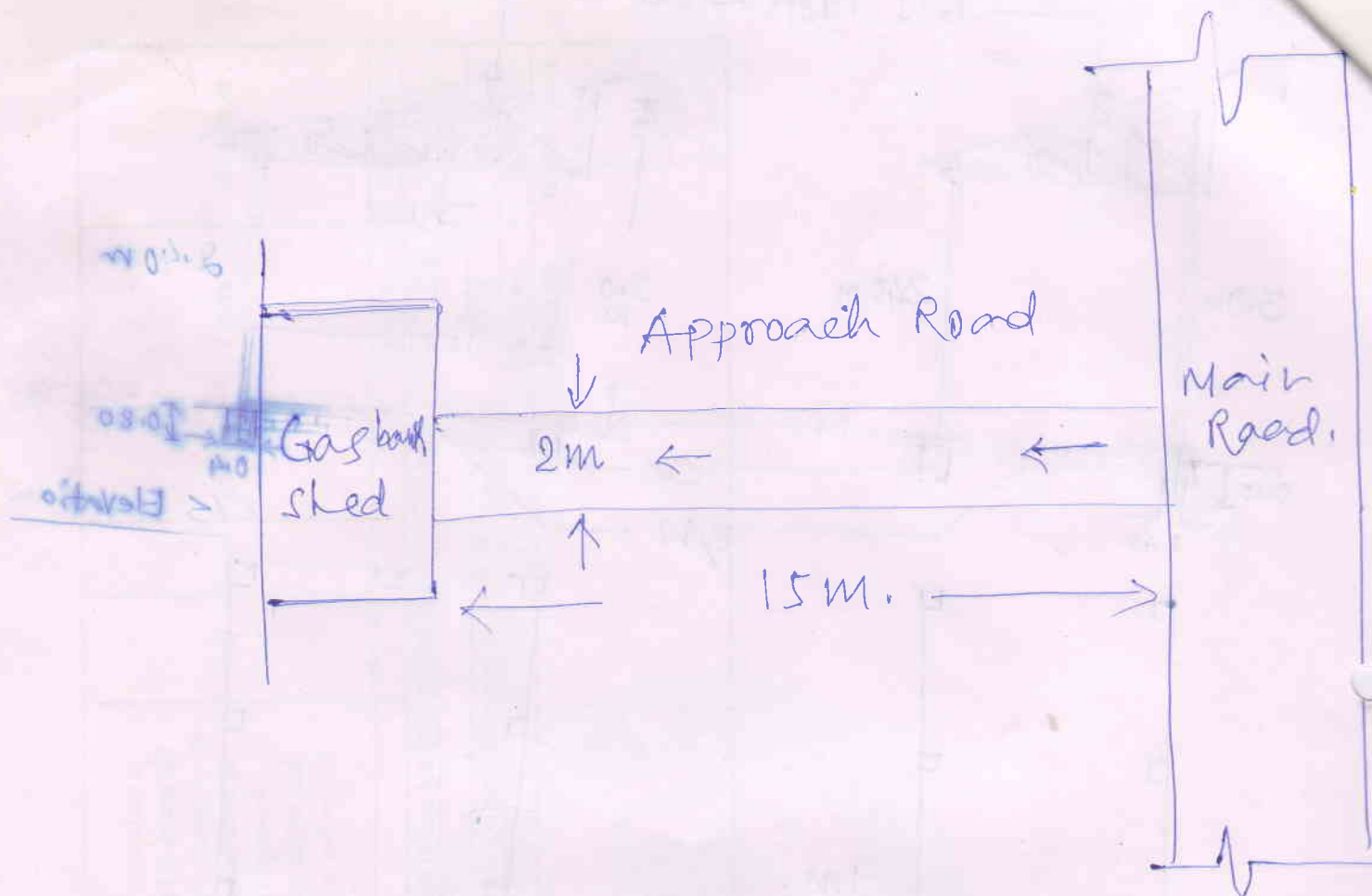
PLAN

(Railway & Transport Engg Dept)

[Signature]

20/9/2023

AECC AZ



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 20/9/2023

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