



**Name of Work: Renovation of old test lab. of NCC for Workshop shed for MME Dept. near Block 09 at IIT Patna, Bihta Campus.**

**October 2023**

**BID DOCUMENT**

**Indian Institute of Technology, Patna**

*Handwritten signature*

**Name of work: Renovation of old test lab. of NCC for Workshop shed for MME Dept. near Block-09 at 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 **Renovation of old test lab. of NCC for Workshop shed for MME Dept. near Block-09 at IIT Patna, Bihta Campus** in two bids from the eligible and interested bidders who are well equipped, experience, financially sound Contractors for the following works :-

1	Tendering Document No.	IITP/IWD/AZ/ /2023 , dated 24/10 /2023
2	Name & brief scope of Works	<b>Renovation of old test lab. of NCC for Workshop shed for MME Dept. near Block-09 at IIT Patna, Bihta Campus</b>
3	Estimated cost put to tender (ECPT)	<b>Rs.6, 45, 843/-</b>
4.	EMD Amount	<b>Rs. 12950/- put to tender through Sbi-collect to Registrar IIT Patna</b>
5.	Period for completion	90 days
6.	Date and Time for Issue/Publishing of tender	27/10/2023 up to 06:00 P.M.
7.	Last date of submission of tender	21 / 11 /2023 up to 3:00PM
8.	Technical bid opening	22 / 11 /2023 at 03:15 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	One year from the date of completion to the satisfaction of IITP.

## 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.

**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.12950/- (Rupees Twelfth Thousand Nine Hundred Fifty 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](http://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](http://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](http://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 i.e. up to / /2023, up to 03:00 P.M.

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.
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 – 1

**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/27/2022 for “Renovation of old test lab. of NCC for Workshop shed for MME Dept. near Block-09 at 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.	<b>BANK DETAILS:</b>	
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

u

**LIST OF APPROVED MAKE OF MATERIALS:**

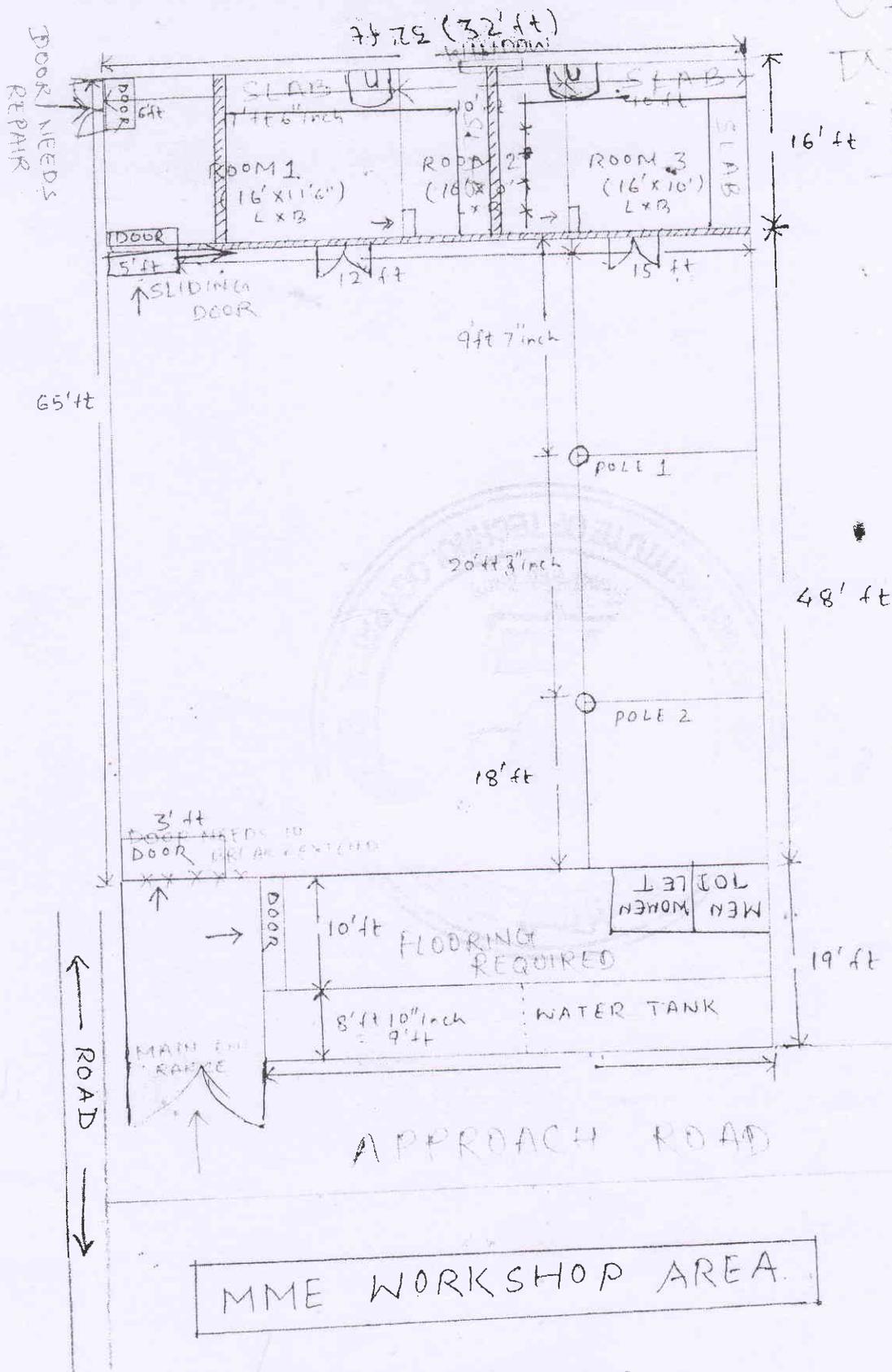
Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the Engineer-in-Charge are List below. However, approved equivalent material and finishes of any other specialized firms may be used, in case it is established that the brands 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
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	Aerolite, Gypsum India
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

*U.S.*

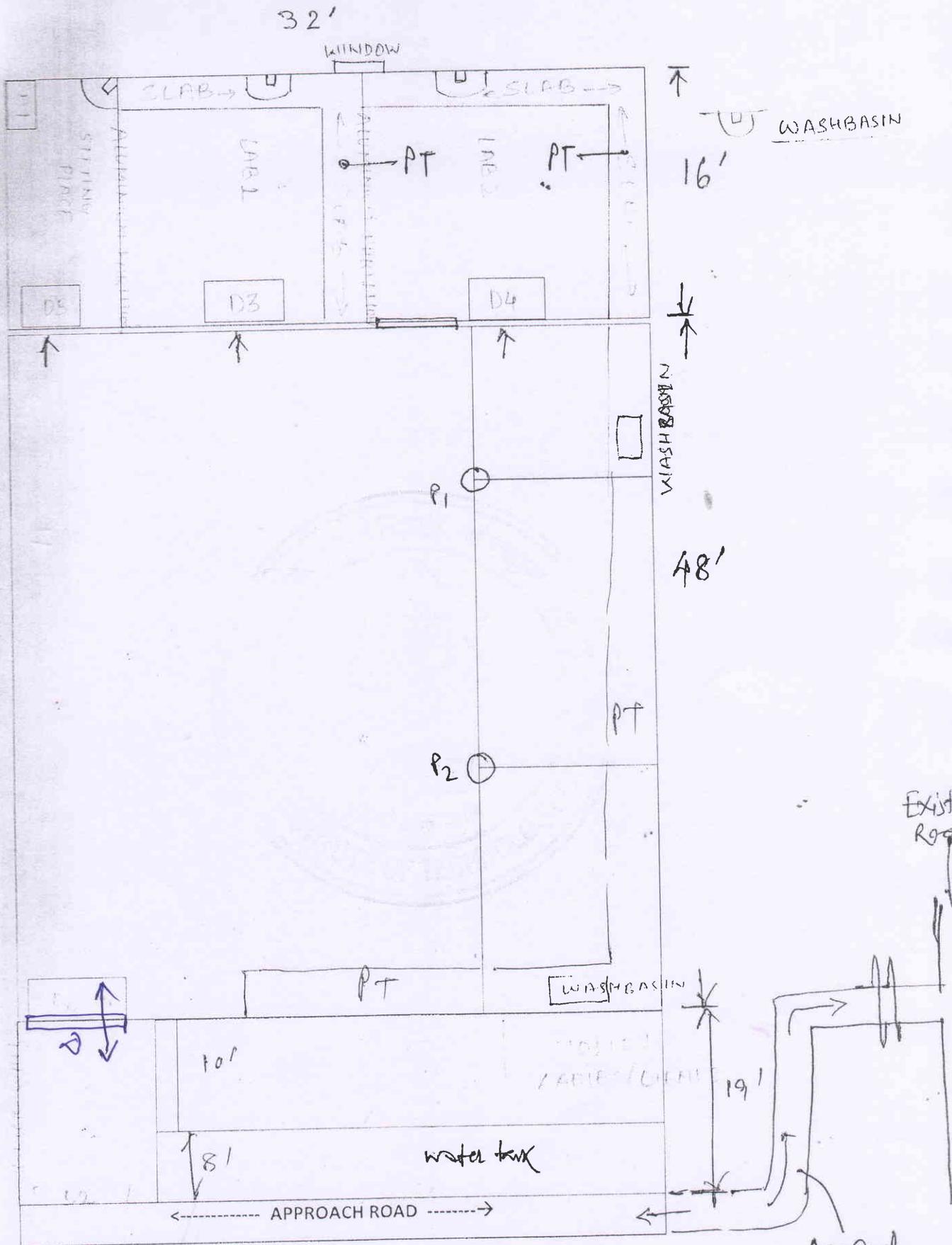
Registrar,  
IIT Patna

*U.S.* *Jan*



# ALL WINDOWS NEEDS REPAIR

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32'

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Annexure-I									
BoQ of Renovation of Old test lab. of NCC for Workshop shed for MME Dept. Near of Block-09 at IIT Patna									
SN	Description of items	No.	L,m	B,m, Av.	H,m, Av.	Qty	units	As per DSR 2021 with cost index Rate, Rs.	Amount, Rs.
1	<b>Dismantling</b>								
	<b>Earth work in excavation</b> by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.								
	All kinds of soil, Foundation, Qty=80m*2.4*0.150= 28.80m <sup>3</sup>	1	80	2.4	0.15	28.800	Cu.m.	224.97	6479.14
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.								
	in cement mortar	2	4.2	2.45	0.25	5.150	Cu.m.	1859.80	9577.97
3	Providing designation 100 A one brick flat soling joints filled with local sand for road including cost of watering, taxes, royalty all complete as per building specification and direction of E/I, but excluding carriage cost of bricks & sand.	1	90	2.4		216.000	m <sup>2</sup>	257.98	55723.68
4	<b>Centering and shuttering</b> including strutting, propping etc. and removal of form for : Edges of slabs and breaks in floors and walls								
	Under 20 cm wide, PL bend & L Bend, Chajja , floor side edge	1	15			15	RM	199.18	2987.70
5	<b>C.C work</b> 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stoneaggregate 20 mm nominal size) Flooring	1	8.5	3	0.075	1.910			
		1	6	2	0.075	0.900			
	<b>Total</b>					2.810	m <sup>3</sup>	7482.57	21026.02

6	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).	1					13.500	m3	6077.20	82042.20
	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand),	1					130.000	m2	322.86	41971.80
	<b>Steel Work:</b>									
7	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. Hot finished welded type tubes									
	MS SQ pipe for column square pipe (65*65*3)mm for Truss sq pipe (25*25*3 mm) for purline + binding runner+ Wind tie (MS flat50*5) and false ceiling support by MS Flat.	1				210	kg	169.62		35620.20
8	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : 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 and door	1				20	Sq.m.	209.58		4191.60
9	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) :									

*[Handwritten signature]*



		6.1	2.1	12.81	Sqm		
	Side door total	1	2.1	4.41	sqm		
		1	2.1	32.1	sqm	735.35	23604.74
13	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1		135	kg		
	window strengthening total	1		60	kg		
				195	kg	122.58	23903.10
14	Water connection with wash basin -2 nos, sink-2 nos., pipeline CPVC with fittings, water tank 1000 ltrs.	1		1	complete items	40000	40000.00
15	Two nos. platforms size (4.80*0.600*0.750) of 2 nos. finish with B/w Support 10", 100 mm thick RCC slab, Top black granite 8 mm thick and with painting and putty work in all complete	1		2	complete items	25000	50000.00
16	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10.sqm, Approved make of Paint is Dulux, Burger, Nerolac. Colour and shade will be as per site condition and as per direction of Engineer In-charge.	1		454	sqm	174.05	79018.70
					A		621301.73
							621301.73
							645843.15
							<b>645843.15</b>
							<b>G.Total, Rs.</b>
							<b>Add GST 18% instead of 14.05% (add 3.95% for GST increment)</b>
							<b>i.e. Total Rs.6, 45, 843/- only</b>

*[Signature]*  
AE Civil