

**INDIAN INSTITUTE OF TECHNOLOGY
PATNA BIHTA, PATNA – 801 106 (Bihar)
Phone: (0612) 3028059, 3028719**

TENDER DOCUMENT



Tender for Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus.

A handwritten signature in blue ink is located in the bottom right corner of the page.

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TRANSFER DOCUMENT



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Funder for the operation of Storm Water Drain at roadwork
and near side no. 41 and water sewerage pits near Cycle parking
area - 49 and 50th units of 4th Avenue, Kona-III, F.A.S.A. Campus.

NOTICE INVITING TENDER THROUGH

E-Tender

Online Bids are invited from the interested firms under **two-bid system** (Technical and Price bid) for **Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus.**

Tender document may be downloaded from e-Procurement website of CPP <https://www.eprocure.gov.in/eprocure/app> or <https://www.iitp.ac.in> as per the schedule given in **CRITICAL DATE SHEET** as under:

CRITICAL DATE SHEET

Tender No.	IITP/IWD/AZ/ 01 / 2021	
Date and Time for Issue/Publishing	16:30 hrs. on	23/ 04/2021
Document Download/Sale Start Date and Time	16:30 hrs. on	23/04/2021
Bid Submission Start Date and Time	16:30 hrs. on	23/04/2021
Bid Submission End Date and Time	17:00 hrs. on	10/05/2021
Date and Time for Opening of Bids (Technical Bid)	11.30 hrs. on	11/05/2021
Address for Communication	ASSISTANT ENGINEER CIVIL (INSTITUTE WORKS DEPARTMENT) Indian Institute of Technology Patna, Kanpa Road, Bihta – 801106	

- 1651
1. 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.
 2. Earnest money Deposit (EMD) is exempted vide notification no- F. 9/4/2020-PPD, Dated- 12th November, 2020.

TECHNICAL BID

The Firms are required to upload copies of the following documents:-

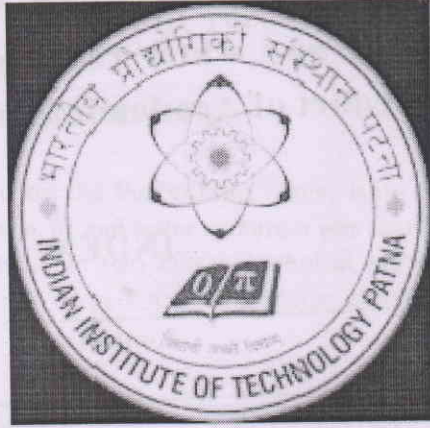
- (a) EMD –Not required.
- (b) Bid Security Declaration.
- (c) Scanned copy of Contractor's Registration Certificate.
- (d) Scanned Copy of GST No. and Scanned Copy of PAN Card.
- (e) Scanned copies of work order and experience certificates as per the technical criteria of tender document.
- (f) Scanned Copy of Audited Annual Accounts for Financial Years 2017-18, 2018-19 and 2019-20. Average Annual Turnover for last three financial years i.e. 2017 -18, 2018-19 & 2019-20 should not be less than 50% of the estimated cost & should not have incurred any loss in more than two years during the immediate last five consecutive financial years, ending 31.03.2021.

FINANCIAL BID:

- (a) Price Bid as BoQ_XXXX.xls / .pdf

Registrar
IIT Patna

(Signature)



Name of Work: Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus

April 2021

BID DOCUMENT

Registrar, Indian Institute of Technology, Patna

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Name of work: **Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus.**

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This tender document contains pages from 1 to 10.

Indian Institute of Technology Patna

1. NOTICE

Indian Institute of Technology, Patna invites the **Percentage(%age) Rate e-tenders for 'Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus'** in two bids (Technical bid and Price bid) from the eligible and interested bidders who are well equipped, experience, financially sound Contractors / eligible Firms for the following works :-

1	Tendering Document No.	IITP/IWD/AZ/ 01 /2021 ,dated 23/04/2021
2	Name & brief scope of Works	Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus
3	Estimated cost put to tender (ECPT)	Rs. 2, 71, 435 /-
4	Earnest Money	Exempted vide notification no- F. 9/4/2020-PPD, Dated- 12th November, 2020.
5	Period for completion	75 Days.
6	Pre- bid meeting	30/04/2021 on 11:30 hrs. at 3 rd floor ,IWD meeting room.
7	Bid Submission end	10/05/2021 on 17:00 hrs.
8	Technical bid opening	11/05/2021 on 11:30 hrs.
8	Financial bid opening	To be intimated later on.
9	Security Deposit	S.D. 10 % of the gross amount of each running bill of the Contractor till the sum along with the sum already deposited as earnest money, will amount to security deposit of 10 % of the bid value of the work
10	Defect Liability period	One Year from the date of completion to the Satisfaction of IITP. IITP means IIT Patna.

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Registrar IIT, Patna

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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 completed during the last 5 years following 'similar works' ending last day of the month previous to the one in which applications invited:

Three similar works, each costing not less than the amount equal to 40% of estimated cost put to tender.

OR

Two similar works, costing each not less than the amount equal to 60% of estimated cost put to tender.

OR

One similar work of aggregate cost not less than the amount equal to 80% of estimated cost.

AND

One work of any nature (either part of (i) or a separate one) costing not less than the amount equal to 40% of the Estimated cost put to tender with some Central/State Government Organization / Central Autonomous Body / Central Public Sector undertakings.

"Similar works" shall mean civil works.

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 01.01.2021.

- i. The 'similar works' shall mean civil works.
 - ii. Experience certificate is required (work orders and completion certificates).
 - iii. The cost of free issue materials shall not be included in the completion cost of works.
- b) Should have average annual financial turnover on works amounting at least 50% as per GoI rule due to covid 19 of the estimated cost of the work during the last three consecutive financial years ending on 31.03.2020 duly certified by a Chartered Accountant.
- c) Should not have incurred any loss in more than two years during the immediate last five consecutive financial years, ending 31.03.2021.
- d) Should have valid PAN (Permanent Account Number of Income Tax) & GST Registration no. Copies of documentary evidence to be submitted.
- e) It is desirable that the bidder should have valid PF Registration & GST registration. In case, the bidders do not have PF Registration the same shall be obtained if required by successful bidder within one month from the date of LOI or before release of Bill.

Even though an applicant may satisfy the eligibility criteria, IITP (Indian Institute of Technology, Patna) reserves the right for not issuing the tender document if the applicant's has record of poor performance such as abandoning work, not properly completing the work, delay in completion of work, poor quality of work, financial failure / weakness etc.

Note: - The only required documents to be submitted along with the checklist of documents and its page number on which papers/documents placed.

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Page

BID DOCUMENT NO. IITP/IWD/AZ/ 01 /2021

NAME OF WORK: Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus.

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.
- 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. The Draft information and instructions to Contractors may be modified suitably by NIT approving authority as per requirement.
- f. 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.
- g. The bidder must ensure to quote rate for each items separately in the specified column. If any column of rate against any item remains left blank by the bidder, it shall be treated that the bidder has quoted nil rate for that and the item will be executed by the bidder free of cost.
- h. The work is estimated to cost Rs. 2, 71, 435/-.
- i. **The successful bidder shall have to submit a performance guarantee (P.G.) of 3% (Three percent) of the work order amount within 14 days from the date of issue of Letter of Acceptance (LoA). This guarantee shall be in the form of DD of any schedule bank in favour of Registrar, IIT Patna, payable at Patna. Release PG/PS after DLP.**
- j. 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.
- k. The information and instructions for tenderers / bidders posted on the web-site shall form part of bid/tender documents.
- l. The bid can only be submitted after scanning and uploading the mandatory details within the period of tender submission i.e. up to 10/05/2021 up to 17:00 hrs.
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 Earnest Money Deposit (NIL), Bid Security declaration, and other documents placed /uploaded on website or in the envelope are found in order.

Instruction of bidders

The bidder must ensure that all the information required in the documents is furnished by him complete in all respects. He would not be allowed to withdraw any document, or to rectify any information furnished therein, after submitting the bid.

1. Bidders will need to produce in original of their all-supporting enclosure for verification by IIT, if required. Failure to comply with this requirement will result in disqualification of the bidder without any recourse.
2. If any bidder withdraws his tender prior to expiry of said validity period or extended period or makes modification in the rates, terms and conditions of the tender within the said period, which are not acceptable to IITP or fails to commence the work in the specified period/, fails to execute the agreement, the IITP shall, without prejudice to any, other right or remedy, be at liberty to forfeit the amount of Bid Security given in any form absolutely. If any bidder, who having submitted a tender does not execute the agreement or start the work or does not complete the work and the work has to be put to re-tendering, he shall stand debarred from participating in such re-tendering in addition to forfeiture of Earnest Money/Security Deposit/and to other action under agreement.
3. The Registrar, IITP or other duly authorized Engineer-In-charge reserves the right to ask for submission of drawings, designs, design calculations, estimates, detailed quantity calculation for estimate, analysis of rates and samples/brand code of materials considered in estimation for which the bidder has quoted his rates before the tender can be considered for acceptance.
4. Sales tax/GST, purchase tax, turn over tax, Excise duty, Service tax, work contract tax, Royalty of construction materials or any other tax and CESS or test report charge on materials & Carriage and Labour as applicable shall be paid by the bidder himself. The bidder shall quote his rates considering all such taxes
6. ADDRESS FOR COMMUNICATION:

AE Civil (AZ)

Indian Institute of Technology,
Patna Bihta, Amhara,
Patna, Bihar -801106,
Phone - 0612-3028011

GENERAL TERMS AND CONDITION

1. IIT Patna reserves the right to reject any or all tender received without assigning any reasons thereof.
2. The price should be for the complete finished item of work and include all labour, material, taxes, overhead, duties, cess etc.
3. **Earnest Money –Exempted. Bid security declaration be uploaded during tender uploading.**
4. **Penalty @ 1% per week subject to maximum 10% will be imposed against delay of work.**
5. The agency is fully responsible for the safety of working personnel and has to follow all government labour law and safety rules and as per the instructions of E/I.
6. All the Govt. labour rules, regulations and specification of CPWD are followed by the contractor while executing the Civil works.
7. All statutory deduction will be deducted as per government rules.
8. Payment shall be released through Bank Account after submission of Bill against work done.
9. The Executive Engineer shall provide any time extension, if required upon submission of proper justification for the delay by the Contractor during execution of the work.
10. IITP will deduct a sum @ 1% of the bill amount of the items, where water for the work is used from the institute source, or else the Contractor has to make his own arrangements for water.
11. Similarly, IITP will deduct a sum @ 1% of the bill amount of the items, where electricity for the work is used from the institute source, or else the Contractor will be issued with a meter (all materials to be provided by the contractor) from IITP and will have to pay the bill generated for electricity as per the prevalent rates of the IITP
12. All disputes are subject to exclusive jurisdiction of competent court and forum in Patna, India only.

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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, Angle, Patti(Flat)	Tata, Jindal
2.	Cement	Ultratech, Concreto (Lafarz), JP
3.	Reinforcement Bar	Tata Tiscon, RINL, SAIL
4.	Casing Pipe	ISI Marked

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27/4/21
Registrar
IIT, Patna

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Annexure-1

Name of the E-Tender: **Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus**

UNDERTAKING
Bid Security Declaration

To
The Registrar,
IIT Patna,

Dear Madam/Sir,

I/We Mr./Ms _____ authorized person to sign the bid documents for tender for **Strengthening of Storm Water Drain at roundabout and near gate no. 01 and water recharger pits near Cycle parking block -09 and food court of Academic Zone of IIT PATNA Campus.**

1. do here by declare that I/We have gone through the entire tender documents including terms and condition mentioned in the tender documents and undertake to comply with them.
2. I/We further declare that we will not withdraw our bid or modify our offer during the period of validity of the bid after the deadline for submission of such documents
3. If I/we withdraw or modify the bids during the period of validity, or if I/We are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline as defined in the tender document/LOA/PO, we will be suspended for the period of time specified in the debarment clause in the tender document from being eligible to submit bids/proposals for contracts with IIT Patna.

Signature of Bidder

With seal of firm

(Name of Bidder)

Place

Date.....



SN	DSR/ NDSR items	Description of items	L,m	B,m	H,m	Qty	Units	Rate, Rs.	
5	5.22/5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. 5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more. (TMT bar 80kg/m ³ taken 12 mm dia. Bar main bar and distribution bar 8 mm dia. in estimate i.e come 345.6 kg= 350 kg approx.)				245	kg	83.5	20457.5
6	10.2	10.2 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.							0
		MS Angle- 65*65*5- 17m @4.90kg/m+ 60*60*5 26.60m*4.20kg/m=195.02= 195 kg approx. and MS patti flat 60*6 mm=8.5m*20*0.6m= 102m @1.95kg/m= 198.90= 200 kg approx. (Total= 395 kg)				395	kg	101.75	40191.25
7	2.6/2.6.1	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 10sqm 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	120	1	1.505	180.6	cum		0
		For Vat recharger 3.0 dia. And depth 3 m circular cone vat sized				7.07	cum		0
						187.67	cum	181.85	34127.79
8	BSR 2016 11.72	Providing designation 100 A 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,				35.44	sqm	253.8	8994.67
								A	103771.21
Cost for one recharger									
9	6.1/6.1.1	6.1 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: 6.1.1 Cement mortar 1:4 (1 cement : 4 coarse sand) Qty-3.14*2.5*0.125*3.20=3.14 m ³				3.14	cum	6376.25	20021.43
10	13.1/ 13.1.1	13.1 12 mm cement plaster of mix : 13.1.1 1:4 (1 cement: 4 fine sand)				10	sqm	266.85	2668.5
11	2.25	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.				9.5	cum	219.65	2086.68
12	13.26	13.26 Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.				2.23	sqm	196.7	438.64



Handwritten signature or initials in blue ink.



13	362 Filling by Brick bats in pit of recharger in all complete, Rate- basic 450+450*20%= Rs.540/m3	7.36 cum	540	3974.4
14	18.42 Boring with 100 mm diameter casing pipe for hand pump / tubewell,in all soils except ordinary hard rocks requiring blasting, including removing the casing pipe after the hand pump / tube well is lowered and tested : 18.42.2 Beyond 6 m and up to 12 m depth metre	7.62 m	656.2	5000.24
	10.5 Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners,all necessary fittings complete, including applying a priming coat of approved steel primer.10.5.1 Using M.S. angels 40x40x6 mm for diagonal braces sqm	4.9 sqm	4428.15	21697.94
Cost for one recharger				55887.83
Cost for Three recharger, B				167663.49
Total				271434.7
G.Total				Rs.2, 71,435/- only


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