



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008 (ODISHA)**

NOTICE INVITING TENDER

**(CONSTRUCTION OF HOCKEY FIELD OF SIZE 28X52 Mtr & LAYING OF
SYNTHETIC TURF FOR NEW TENNIS GROUND AT NIT,ROURKELA)**

(TENDER NOTICE NO CT-20/2013-14)

Sealed proposals are invited for

**(CONSTRUCTION OF HOCKEY FIELD OF SIZE 28X52 Mtr IN NIT
ROURKELA)**

(TENDER NOTICE NO CT-23/2013-14)

Sealed proposals are invited for

**(LAYING OF SYNTHETIC TURF FOR NEW TENNIS GROUND AT
NIT,ROURKELA)**

Issue of tender (Website): **07.02.2014.**

Closing Date & Time : **05.03.2014, 3.00 PM**

Open on : **05.03.2014, 3.30 PM (Part-I & Part-II)**

For details please visit our Institute website:

www.nitrkl.ac.in/Jobs & Tenders /Construction Tenders.

Contact Person: Prof. S.K. Das, PIC (Civil Construction)., PhoneNo:0661-2462315.

Email: sarat@nitrkl.ac.in

**Sd/-
Registrar**

An Institute where everyone strives to attain his Potential



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA-769008, ODISHA

(TENDER NOTICE NO CT-20/2013-14) (CONSTRUCTION OF HOCKEY FIELD OF SIZE 28X52 Mtr IN NIT ROURKELA)

Sealed tenders on item rate basis are invited, for above mention work from reputed contractor of appropriate class having valid registration with PWD(Odisha State)/ CPWD/PSUs/ NITR having sound financial status, machinery, resources and experience in execution of similar works. Similar work shall mean construction of Hockey Field with synthetic turf.

Estimated Cost: - Rs. 69.24 Lakh (Approx)
Earnest money Deposit: Rs. 1,38,000/-
Time of Completion : 6 Months

1. Eligibility Criteria:

Firms who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.

- i. The firms should have experience in laying of synthetic turf for Hockey field for minimum five installations in India (List of establishments to be provided)
 - ii. The firm should not have been black listed at any time. To this effect, an undertaking is to be given in the prescribed format.
2. Sealed tenders on item rate basis are invited in the prescribed form for Construction of Hokey Field of size 28X52mtr.
 3. The tender must accompany the earnest money of Rs.1, 38,000/- in the form of Demand Draft of Nationalized Bank (payable at Rourkela in favour of Director, National Institute of Technology Rourkela).A part of earnest money is acceptable in the form of bank guarantee also. In such case, Rs. 69,000/- will have to be deposited in the shape of Demand Draft and balance amount in shape of Bank Guarantee of any Nationalized Bank having branch at Rourkela. The intending bidders have to fill in all the details such as Banker's name, Demand Draft, Bank Guarantee number, amount and date. The Bank Guarantee submitted as a part of Earnest Money shall be valid for a period of six months or more from the date of submission of the tender
 4. The tender papers may be downloaded from NIT website (i.e. www.nitrkl.ac.in). However, payment of Rs.1, 000.00 (nonrefundable) towards price of Tender

documents plus Rs. 50.00 towards VAT in the form of separate Bank Drafts of Nationalized Bank payable at Rourkela in favour of Director, National Institute of Technology, Rourkela shall be submitted with EMD.

5. The submission of bids by the tenderer should be addressed to the Registrar, National Institute of Technology, Rourkela in three separate sealed Envelopes enclosed in one cover envelope superscribing on the top of the envelope:

**(CONSTRUCTION OF HOCKEY FIELD OF SIZE
28X52 Mtr IN NIT ROURKELA)**

1. (TENDER NOTICE NO- CT-20/2013-14)
2. DUE DATE: 05.03.2014 UP TO 3.00 PM

Envelope No-I: - To contain Bank Drafts towards: (i) Earnest Money deposit and (ii) Tender Document Price and VAT.

Envelope No-II: - To contain techno commercial bids, and other Tender documents (General Conditions of Contract, special conditions, specifications etc.) attached to the tender signed and stamped on all pages confirming acceptance.

Envelope No-III: - The envelope marked as "Price Bid" shall contain the rate and amount for individual schedule items of work with total value with signature in each page of schedule. In case of partly quoted or conditional rates, the tender will be rejected.

6.

(a) Validity of Tender	: 120 days
(b) Last date of Submission	: 05.03.2014 Up to 03.00 PM
(c) Date & Time Opening of Tender	: 05.03.2014 at 3.30 P.M

7. Tenderers must include in their rates, sales tax including VAT, excise duty, octroi, and sales tax on works contract and any other tax & duty or other levy by the central and state government or any other tax & duty or other levy or to be levied in future by the central government or state government or local authority if applicable except service tax.

8. The tender price quoted by a tenderer shall be kept strictly confidential by them and shall not be divulged to any other party even approximately before the time limit for delivery of tender. The only exception be for obtaining an insurance quotation, you may give your insurance company or agent any essential information they ask for, so long as it is done in strict confidence. No information

about others tender price should be obtained and no arrangement with anyone else should be made whether or not he submitted the tender.

9. Details including our prescribed format for prequalification, BOQ, General Conditions and Special Conditions of Contracts etc. are available in our website at <http://www.nitrkl.ac.in/tender.asp>
10. The Institute reserves the right to reject any or all firms on the basis of the technology employed and quality of field.

REGISTRAR

National Institute of Technology

Rourkela-769008 (Orissa)

Fax: 0661-2472022

Ph No: 0661-2472021

CHECK LIST FOR PRE-QUALIFICATION

Forms to be filled in properly.

1. Form-A: This form (check list)
2. Form-B: Letter of Transmittal
3. Form-C
4. Form-D
5. Photocopy of documents to be attached.
 - a) Valid license
 - b) Work orders executed of last 3 years.
 - c) Vat Clearance Certificate & PAN Card
 - d) Performance report from authority/officer having rank not below Executive Engineer with specific mention about the project components, scheduled and actual time of completion, final project value etc. to be submitted.

(Signature of the Agency)

PRE-QUALIFICATION INFORMATION

LETTER OF TRANSMITTAL

(To be typed on the Agency's Letterhead)

To

THE VISITING PROFESSOR (CIVIL)
NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008.

**SUB: CONSTRUCTION OF HOCKEY FIELD OF SIZE 28X52 Mtr IN NIT
ROURKELA.**

Sir,

Having examined the details of pre-qualification document, I hereby submit the pre-qualification documents and other relevant information.

1. I hereby certify that all the statements made and information supplied in the enclosed forms A to D and accompanying statements are true and correct to the best of my knowledge. I understand that if any information found incorrect, the application is liable to be cancelled.
2. I have furnished all information and details necessary for pre-qualification and have no further pertinent information to supply.
3. I certify that my firm is not **blacklisted/banned** from business by any organization.
4. I hereby accept the rules and procedures of the Institute for pre-qualification of Contractor and agree that the Institute has the right to accept or reject any application without assigning a reason thereto.

(Signature of the Agency)

FORM-C/20

NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

APPLICATION FOR PRE-QUALIFICATION

1. **Name of Agency/Firm :-** _____
2. **Address:-** _____
3. **FAX/Telephone Number: -** _____
4. **Special Qualification for technical Person** _____
5. **Details of Registration** _____
6. **Volume of business in last three financial years.**

2010-11	Rs	_____
2011-12	Rs	_____
2012-13	Rs	_____
7. **Field of Specialization.**
8. **Valid Income Tax clearance certificate (ITCC).**
9. **Any other information regarding technical capability.**

(Signature of the Agency)

Annexure to application for pre-qualification

WORKS COMPLETED AND IN PROGRESS DURING THE LAST 3 YEARS (INCLUDING ALL WORKS AWARDED)

{ADD ADDITIONAL SHEETS, IF NECESSARY}

Sl. No.	Name of Work & Agreement No	Date of start	<u>Date of Completion</u>		Tendered Cost	Complete address of the Authority for whom the Work was done
			<i>Stipulated</i>	<i>Actual</i>		

ESTIMATE

**Name of work: Construction of Hockey field of standard
28x52mtr size in NIT rourkela**

SI no	Description of Item	Unit	Rate	Quantity	Amount	Remark
1	Earthwork in rough excavation banking excavated earth in layers not exceeding 20Cm in depth, breaking clods watering , rolling each layer with ½ tonne roller or wooden or steel rammers and rolling every third and top most layer with power roller of minimum 8tonne and dressing up in embankments for roads flood bans marginal banks and guide banks or filling up ground depressions lead upto 50mtr and lift upto 1.5M	Cum	173.87	1092.00	189866.04	NIT SCH 2
	Chain link Fencing					
2	Providing & laying for admixing sand and morrum and laying subbase in shoulder in layers not exceeding 22.5cm watering and compacting to the required density in OMC with Prr including cost and conveyance of sub base materials and cost of all labours and hire charges of T&P required for work including cost, conveyance of all materials, taxes, cess, royalties, cost of all labour with T&P etc complete as per specification and direction of Engineer-In-charge.	Cum	383.06	327.60	125490.46	MORTH

3	Providing, laying, spreading and compacting graded stone aggregate to Wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	Cum	2127.00	327.60	696805.20	MORTH
4	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including cleaning of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means.	Sq.M	39.00	1456.00	56784.00	MORTH
5	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom.	Sq.M	14.00	1456.00	20384.00	MORTH

6	<p>Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects</p>	Cum.	9708.00	109.20	1060113.60	MORTH
7	<p>Providing and constructing brick drain as per standard slope and design with a layer of 10 cm thick and 75 cm. wide cement concrete 1:4:8 and K.B. Brick work in cement mortar (1:6), 23 cm. width on either side with depth 7.5 cm to 30cm including cement plaster(1:6) with cement punning. (section of Drain 250x300 mm) etc complete in all respect as per direction of Engineer In charge.</p>	RM'	748.37	160.00	119739.20	NIT SCH 616

8	Supplying FIH approved global category synthetic Hockey surface with polythelyne fiber and cast in SITU shock pad laying jointing and fixing the same on the bitumenous sub base with rubberized under layer as per the FIH requirements and the pasting of Synthetic grass as per specification of the Global category FIH competition including all marking on the surface as per FIH rules and standard etc.Complete as per the instruction of Engineer-in-charge. (water less technology to be followed and the fied should be ready for play).	Sq.M	2509.75	1456.00	3654196.00	Analysis
9	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4mm.	Sq.M	486.20	480.00	233376.00	DSR2012 16.7
10	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.cluse no-2100	Cum	3591.76	10.00	35917.60	MORTH

11	Providing and construction Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications. Complete in all respect as per direction of Engineer incharge.	Cum	3488.67	18.40	64191.53	MORTH
12	Sand filling in foundation and trenches as per drawing & technical specification	Cum	334.96	5.60	1875.78	MORTH
13	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing , balcony railing and staircases railing including applying priming coat of approved steel primer					
	ERW Tube	Kg	93.39	6000.00	560340.00	NIT SCH 208
14	Providing and fixing on wall face unplastiscid rigid PVC rain water pipes conforming to IS 13592 Type A including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion (i) Single socketed pipes					
	100mm diameter	RM	317.80	25.00	7945.00	NIT SCH 266(b)
15	15mm cement plaster of mix 1:4 (1 cement: 4 Sand) over rough side of half brick work	Sq.M	98.89	160.00	15822.40	NITSCH 279
16	Applying one coat of cement primer of approved brand and manufactureron wall surface					
	Cement primer	Sq.M	26.91	160.00	4305.60	NIT SCH 304

17	Finishing walls with premium acrylic smooth extrior paint with silicone additive of required shade					
	New work (two or more coat applied @1.43kg/10 Sq.M) over and including base coats of water proofing cement paint applied @ 2.2 Kg/10 Sq.M	Sq.M	69.05	160.00	11048.00	NIT SCH 308
18	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:					
	Two or more coats on new work	Sq.M	48.96	480.00	23500.80	NIT SCH 316
19	Providing and fixing as per FIH standard NET posts and NET of approved quality (of black coloured synthetic net manufactured in a synthetic polymer such as polyethylene for Hockey practice of twine diameter ranging from 1.8mm - 2.0mm or more thick syhtetic thread of approved make heavy type with a hole upto 50 Sqmm knotted nets and of UV stabilized and rot proof complete) and design complete as per manufacturers specification etc including painting and installation with CC grouting of 1:2:4 all complete as per direction of Engineer Incharge	Each	21104.00	2.00	42208.00	ANALYSIS
		TOTAL			6923909.20	

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