(केन्द्रीय विश्वविद्यालय) श्रीनगर गढ़वाल (उत्तराखण्ड)–246174 (A Central University)
Srinagar Garhwal (Uttarakhand) - 246174

GSTIN-	PAN- AAALH0213N	TAN N- MRTH00338C
05AAALH0213N3ZE		
GST CONCESSION	TU/V/RG-CDE(219)/2019 Dated 16.05.20	19 valid up to 23.08.2023
	(Ministry of Science & Technology, Depart	rtment of Scientific &
	Industrial Research, Technology Bhavan,	New Mehrauli Road, New
	Delhi)	

NIT NO.: HNBGU/ET/2022/30 Dated: 30-12-2022

# E-TENDER DOCUMENT FOR

"Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University"

Last Date & Time of Submission of Bid	Up to 14:00 Hrs on 2	1/01/2023
	<b>Technical Bid</b>	Price Bid
Date & Time of Online Opening of Bids	15:30 Hrs on	16:30 Hrs on
	21/01/2023	21/01/2023

(https://mhrd.euniwizarde.com or www.hnbgu.ac.in)

Total No. of Pages -38

Dr. (Ajay Kumar Khanduri) (Registrar)

Er. (V.N.Bahuguna) (Executive Engineer)

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# HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY SRINAGAR GARHWAL, UTTRAKHAND

**E- Tender Enquiry (ETE)** 

NIT NO.: HNBGU/ET/2022/30

Dated: 30-12-2022

Name of Work:- Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University

Online open Percentage Rate Bids/ Tenders in Two Bid system (1.Technical 2. Financial) are invited from reputed contractors of appropriate class & category registered with CPWD, State PWD, MES, Railway, Const. and Maint. Deptt. of HNBGU working contractors having experience of working in Central/ State Government, Public Sector undertaking/ Autonomous Organization of the Central/ State Government for "Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University". Kindly submit your bid / tender giving lowest Percentage Rate along with terms and conditions through online mode only on e-Procurement portal https://mhrd.euniwizarde.com on or before 21.01.2023. The tender forms and other details can be obtained from the websites https://mhrd.euniwizarde.com or www.hnbgu.ac.in

NAME OF WORK	"Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University"		
TENTATIVE ESTIMATED COST	Rs. 29,99,500.00		
EARNEST MONEY DEPOSIT (EMD)	Rs. 60,000.00		
Pre Bid Meeting Date	Not Required		
Tender Type (Open/ Limited/EOI/Auction/Single)	Open online		
Tender Category (Services/Goods/Works)	Works		
Product Category: (Civil Works )	Civil Work		
TENDER PROCESSING FEES	As per e-Procurement portal <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> directions (Non refundable)		
COMPLETION PERIOD	45 days from the date of issue of work order		
Last date & time of online submission of bid, online EMD and other documents as specified in the bid document	Up to 14:00 Hrs on 21/01/2023		
	Technical Bid Price Bid		
Date & Time of Online Opening of Bids	15:30 Hrs on 21-01-2023 or Will be informed later on after the evaluation of Technical Bids (Only to the bidders who will successfully qualify the Technical Evaluation)		
Validity of tender	60 days from the date of opening of financial bids		
Performance Guarantee	5% of tender cost		
Security deposit	5% will be recovered from the bills up to maintenance/ defect liability period. Security can be deposited in the form of TDR pledged in fever of Finance Officer, HNBGU.		
Defect Liability Period/ maintenance period	01 year after completion of work		
The tender forms and other details can be downloa www.hnbgu.ac.in	ded from the websites <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> or		

Dr. (Ajay Kumar Khanduri) (Registrar)

Er. (V.N.Bahuguna) (Executive Engineer)

#### **Eligibility Criteria for Technical bid**

Only those bidders, who are Registered Sole Proprietor /Partnership firm or Company and meet the following conditions, can participate in the tender.

Following Certificates must be scanned and uploaded:

- 1. Self attested Documentary proof of registration of Sole Proprietorship /Partnership firm. (The bidder's firm must be a registered Sole Proprietorship/Partnership firm).
- 2. Registration certificate with CPWD, State PWD, MES, Railway, Construction and Maintenance Department of HNBGU as the case may be (Registration certificate shall be valid at the time of opening of tender).
- **3.** Registration certificate with Employees Provident Fund Organization (EPFO).
- **4.** Self attested Documentary proof of **GST** Certificate. (The bidders must have a valid GST No. to participate in the tender.)
- 5. Self attested Documentary proof of PAN Card.
- 6. Online EMD of Rs.60,000.00 must be deposited by the Bidder.
- 7. Experience of having successfully completed similar work individually costing not less than as stated below during the last 5 years ending previous day of last date of submission of bids. (as per enclosed format)
- i. Three similar works, each of value not less than 40% (Rs. 12,00,000.00) of the estimated cost,

OR

ii. Two similar works, each of value not less than 60% (Rs. 18,00,000.00) of the estimated cost,

OR

iii. One similar works of value not less than 80% (Rs. 24,00,000.00) of the estimated cost.

Completion certificate issued by Competent Authority will only be considered. Competent Authority means officer of not below the Rank of Executive Engineer/ Equivalent would be acceptable.

Similar works mean: - Civil works.

- **8.** An undertaking by bidder of the effect that he/she has not been "Blacklisted/Debarred by any agency/department". (as per enclosed format).
- 9. Declaration regarding acceptance to terms and condition of the tender(as per enclosed format)
- 10. An undertaking by the bidder that his/her any near relative is/are employed in Construction and Maintenance department of HNBGU or employed as "A" class officer of H.N.B. Garhwal University. A copy of declaration by the tenderer/ Bidders/contractor regarding acceptance to Terms & Condition of the Tender. (as per enclosed format).

All above documents/ details are mandatory without which tender will not be considered.

# Check List /Mandatory documents to be uploaded

# **Note:** The Technical Bid shall be instantly rejected if the following documents are not scanned and uploaded online.

S.No.	Particulars	Yes/No
1.	Online payment of Rs.60,000,00.00 (Rs. Sixty thousands Only) as EMD/ Bid Security/ Security Deposit.	
2.	A copy of Registration certificate with CPWD, State PWD, MES, Railway, Construction and Maintenance Department of HNBGU as the case may be	
3.	A copy of Registration certificate with Employees Provident Fund Organization (EPFO)	
4.	A copy of experience certificate of having successfully completed similar works (in prescribed format)	
5.	A copy of GST and PAN Card	
6.	An undertaking by bidder of the effect that he/she has not been "Blacklisted/Debarred by any agency/department". (in prescribed format).	
7.	Declaration regarding acceptance to terms and condition of the tender (in prescribed format)	
8.	An undertaking by the bidders that his near relative is not in service of H.N.B. Garhwal University Srinagar Garhwal Uttrakhand. tender (in prescribed format)	
9.	Bidder Profile /Mandate Form with enclosures tender (in prescribed format)	

#### **DECLARATION REGARDING BLACKLISTING/ DEBARRING**

I/ We Director(s)/Authorized Signatory of of M/S
hereby declare that the firm/bidder has
not been blacklisted or debarred in the past by H.N.B.Garhwal University Srinagar Garhwal or any
other Government Department/Organization.
In case the above information found false I/We are fully aware that the tender/ contract will be
rejected/cancelled by H.N.B.Garhwal University, and EMD shall be forfeited. In addition to the above,
H.N.B.Garhwal University, will not be responsible to pay the bills for any completed/partially
completed work.

SIGNATURE OF THE BIDDER WITH SEAL

# PERFORMA FOR NO NEAR RELATIVE(S) OF THE BIDDER/ CONTRACTOR WORKING IN HEMVATI NANDANBAHUGUNA GARHWAL UNIVERSITY SRINAGARA ARHWAL

I/We,	HNBGU	/	Director/Authorized	Signatory	of	the	Bidder/company	M/s
			••••					

Hereby certify that none of my relative (s) as defined in the tender document is/are employed in Construction and Maintenance department of HNBGU or employed as "A" class officer of H.N.B. Garhwal University.

In case at any stage, it is found that the information given by me is false/incorrect, H.N.B.Garhwal University, Srinagar Garhwal shall have the absolute right to cancelled the Tender agreement and forfeit the earnest money/security deposit. The department will not pay any damages to the company or firm or the concerned person. The company or firm or the persons will also be debarred for further participation in the concerned unit.

The near relative (s) means:

- a) Members of a Hindu Undivided family;
- b) They are husband and wife.
- c) The one is related to the other in manner as father, mother, son(s) & son's wife (daughter-in-law), Daughter (s) & daughter's husband (son-in-law) brother (s) and brother's wife, sister (s) sister's husband (brother-in-law)

SIGNATURE OF THE BIDDER WITH SEAL

# **Work Experience**

Working experience of similar nature of works with Govt. Offices/ Semi-Govt./ State Govt./ IITs/ PSUs / Autonomous Organization of the Central/State Government / PSUs. (Proof of work executed to be enclosed)

S.No.	Description of work	Date of	Date of	Address/	Value of work
		Start	Completion	Location/Name of	completed
				the Client	done

## **Bidders/ Contractors Profile Form**

Sl. No	Item	Detail
01	Contractors Name	
02	Place of Registration and Registration No –	
	(Registered with CPWD, State PWD, MES, Railway,	
	Const. & Maint. Deptt. of HNBGU) (Enclose self	
	attested copy)	
03	Year for Establishment of Firm	
04	Full Postal Address	
05	E-mail address	Website address
06	Contact Person's Name	Contact No
07	GST No	PAN
	(Enclose self attested copy)	(Enclose self attested copy)
08	Constitution of legal status	antested copy)
	of Bidder (In case of firm)	
09	(Attach self attested copy) Registration as contractor	
	in Govt. organization	
	(Enclose self attested	
	copy)	
10	Registration certificate with EPFO(Enclose self	
	attested copy)	

Note: Bidder must print GST No., Pan No. and Current Bank Account No with IFSC code etc. on their Letter Head / Bill / Quotations.

# **Mandate Form**

Electronic Clearing Service (Credit Clearing)/Real Time Gross Settlement (RTGS) Facility for Receiving Payments

#### **Details of Account Holder:**

	D:11 F: (G	
1.	Bidder-Firm/Contractor	
2.	Name of Accounts Holder	
3.	Complete Contact Address	
4.	Telephone Number / Mobile Number	
5.	E-mail	
]	Bank Accounts Details:	
1.	Name of the Bank	
2.	Branch Name with Complete Address	
3.	Telephone Number and E-mail of Bank Branch	
4.	Whether the Branch is computerized?	
5.	Whether the Branch is RTGS enabled? If yes, then what is the Branch's IFSC Code?	
6.	Is the Branch also NEFT enabled	
7.	Type of Bank Account (SB/Current/Cash Credit)	
8.	MICR Code of Bank	
9.	Complete Bank Account Number	
10.	Repeat Bank Account Number	

Note: All the information mentioned above is to be filled in online only.

# DECLARATION REGARDING ACCEPTANCE TO TERMS & CONDITIONS OF THE TENDER

(On the Letter Head of the Firm/Agency)

To:

The Registrar Hamwati Nandan Bahuguna Garhwal University Srinagar Garhwal, Uttrakhand

**Regarding: Acceptance of Terms and Conditions** 

- A. I/We, Owner/Director/authorized signatory of the Company/Firm M/s\_\_\_, is competent to sign this declaration and execute this tender document.
- B. I have carefully read understood and accepted all the terms and conditions of the tender and undertake to abide bythem.
- C. The information/documents furnished along with the above application are authentic to the best of my knowledge and belief. I/we, am/are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

Date: Signature of Authorized Person: Place: Name: Seal:

Note: Scanned copy of this document is to be uploaded along with other enclosures.

#### LIST OF APPROVED MAKES/AGENCY OF MATERIALS

The following guidelines are to be noted with regard to use of materials in the work.

- 1. The CONTRACTOR shall be required to use material of the make given in the list of approved make or specifically mentioned in the Bill of Quantities. EMPLOYER is free to demand the CONTRACTOR to use any particular make from the approved list of items.
- However in case of non availability of any item as per the list of approved make CONTRACTOR shall use alternative item of ISI make with prior written permission from the ENGINEER-IN-CHARGE.
- 3. Wherever, material bearing Standard Mark (ISI) are used in the work, the Contractor may ask to furnish necessary documents and proof of payments made for the procurement of materials bearing Standard Mark (ISI).
- 4. In case it is established that Standard material (bearing ISI mark) as well as the materials indicated in the list (as mentioned in the above para) are not available in the market, then approved equivalent materials may be used in the work subject to approval from the Engineer-in-charge.
- 5. For materials bearing "Standard Mark (ISI)" ordinarily no testing is to be done. However, in case of doubt or with a view to check the quality of materials, ENGINEER-in-charge may send samples for random testing.
- 6. For use of materials other than materials bearing "Standard Mark (ISI)" Mandatory tests shall be conducted at the frequency specified in the contract. In case frequency of testing is not stipulated in the contract then standard specification (CPWD, ISI etc.) may be considered for frequency at which materials are to be tested.
- 7. Before bulk purchase of quantities of materials, it is the responsibility of the Contractor to get the samples of materials approved from Engineer-in-charge

S.No	Material	Preferred make
1.	(i) Ordinary Portland	Ambuja cement, ACC, Birla, Ultratech, Binani,
	Cement/Portland Pozzolona	J.K. cement, Jaypee cement any similar
	Cement.	brand approved by the IITR & confirming to IS –
		8112 (43 <b>-grade</b> ) and IS – 12269 (53 <b>-grade</b> ) with
		latest amendment.
	(ii) White Cement	Birla White, J.K.White.
2.	Reinforcement Steel	SAIL, TISCON, TATA Steel, Rashtriya Ispat
		Nigam Ltd. (RINL)/ JSW Steel Ltd, Jindal Steel,
		Kamdhenu & Power Ltd., brand or as approved
		by IITR

3.	Water Proofing Compound	FOSROC, ROFF/Dr. Fixit (Pidilite Industries),
	Admixtures, Plasticizer, Super	, , , , , , , , , , , , , , , , , , , ,
	Plasticizer, Curing Compounds.	Endura),
4.	Integral Water proofing compound	FOSROC: Conplast 421, Dr. Fixit: LW+Sika:
	with cement (for Plaster & Mortar)	Sikacin Asian Paints: Smart care vitalia &
		equivalent product of BASF, CICO, Ardex
		Endura, STP
5.	Water proofing for	Fosroc: Brush Bound Dr. Fixit: Pidifine 2K Sika:
	bathroom/toilet/balcony & other wet	Nito Bound Asian paints: Damp block 2K &
	areas.	equivalent product of BASF,CICO, Ardex
6	Carretalline vyeten and fine a company	Endura., MC-Bauchemie
6.	Crystalline water proofing compound	Fosroc: Fosroc Crystalline Dr. Fixit Crystalline
		Asian paints: Crystalline Quarty & equivalent
		product of BASF, CICO, Ardex Endura,
7	Courte Tile Adharian	Penetron, Kryton, Xypex
7.	Grouts, Tile Adhesive	Latecrete, Kerokoal, BASF, Ardex, Ferrous Crete.
8.	Structural Steel	SAIL, TATA Steel, Rashtriya Ispat
		Nigam(RINL), JSW Steel ltd. Jindal Steel &
		Power Ltd.
9.	Polycarbonate sheet	GE Plastic, LEXAN or as approved by EIC
10.	Profile steel sheet (Precoated)	Ezydeck of TATA, Lloyd Superdeck, JSW/Jindal
11.	Particle Board	Kitply, Action TESA, Greenlam, Merino.
12.	Laminated Particle Board/Laminates	Kitply, Action TESA, Greenlam, Century
		Ply, Merino Sunmica.
13.	Flush Door shutters/Block board	Duro, Kitply industries (Swastik), Century,
		Durian, Green Ply, Kutty.
14.	Fire Rated Doors	Signum Fire protection, Shakti Metdoor,
		NAVAIR, Adhunik Technology, Sukri, Promat
		International.
15.	False Ceiling system	Armstrong, Hunter Douglas, USG Boral,
		Saint Gobain, Aerolite, Durlum, Interarch.
16.	Plywood/Veneer	Green Ply, Century, Melamine Gold, Wdfin of
	-	Pidlite, Timbertone of ICI Dulux.
17.	Melamine Polish	·
1/.	Metalline i olisii	Asian Paints Melamine Gold, Wudfin of Pidilite, Timertone of ICI Dulux.
10		
18.	Floor Spring & Door Closure	Godrej, Dorma, Dorset, Kich
19.	(a) Aluminium Section	Hindalco, Jindal, Indian Aluminium co.
	(b) Anodised Aluminium Hardware	Kilong, Alualpha, Classic, Ebco.
	(Heavy Duty)	
20.	Clear/Float/Frosted/Refractive/Coated	Saint Gobain, AIS, Modiguard, Ashai Float
21	Glass Stoil Poiling Agggggring	HNDAL Domes Viel CEZE Harden
21.	Stainless Steel Railing, Accessories etc.	JINDAL, Dorma, Kich, GEZE, Hardwyn.

22.	S.S Door & window & fittings.	JINDAL, Dorma, Kich, Door set, Godrej, Ozone.
23.	Silicon based water repellant/weather sealant	G.E. Plastics, Dow Corning, (Wacker),
	Scarant	BASF, Pidilite (Dr.Fixit/Roff)
24.	Poly-Sulphide Seal	Fosroc, Pidilite (Dr. Fixit/Roff), Sika, BASF
25.	Mosaic tiles/ Chequered Tiles	Ultra Tiles, NITCO, Hyper (Mayur), Pavcon.
26.	Ceramic Tiles	Kajaria, NITCO, Johnson, Orient or as approved by EIC
27.	Vitirfied Tiles (antiskid/Matt/Glazed)	Kajaria, NITCO, Johnson, Orient as approved by EIC
28.	Paver block & Kerb Stone	Pavcon, Hyper tiles/Dynamic Industries/mayor,
		KK, Power, Sharda, navya (Local make to be
		modified by zone)
29.	Dash/Anchoring Fasteners	HILTI, Fischer, Bosch, Wurth.
30.	Cement Based Wall Putty	Birla wall care, JK White, Berger, Asian Paints.
31.	Oil Bound Washable	Asian Paints (Profesional Acrylic
	Distemper/Dry Distemper	Distemper), Nerolac: beauty Acrylic
		Distemper: Berger: Bison Acrylic Distemper.
		Dulux ICI: Maxilite
32.	1 <sup>st</sup> Quality Acrylic Distemper	Asian Paints (Tractor Aqua Lock Paint),
	(washable/Ready mix/Low VOC)	Berger: Commando or equivalent paints of
		Nerolac or ICI Dulux.
33.	Acrylic Emulsion Paints	Asian Paints (Professional Premium Interior
		Emulsion Paint), Nerolac: Beauty Gold.
		Berger: Rangoli total care. ICI-Dulux: Super
		Cover.
34.	Plastic Emulsion Paints	Asian Paints (Apcolite Heavy Duty Premium
		Emulsion Paint), Nerolac: Impression. Berger:
		Easy clean.
35.	Premium Acrylic Emulsion Paints (Interior)	Asian Paints (Royale Luxury Emulsion)
		Nerolac: Impression. Berger: Silk. ICI – Dulux:
		Velvet touch.
36.	Textured Exterior Paint	Asian Paints, Nerolac, Berger Paints,
		Nerolac Paints Luxture.
37.	Acrylic smooth exterior paint	Asian Paints: (Apex/Professional Premium
		Exterior Emulsion). Nerolac: XL Berger:
		Waether coat. ICI-Dulux: Weather Shield.
38.	Premium Acrylic smooth exterior	Asian Paints (Apex Ultima)
	paints with silicon additive	Nerolac: XL Total. Brger: Weather coat
		all guard. ICI- Dulux: Weather Shield
		max.

39.	Synthetic Enamel paint	Asian (Apcolite Premium gloss
	•	enamel). Nerolac: Synthetic Hi
		gloss.
		Pargary Luyal Hi glass
		Berger: Luxol Hi gloss.
		ICI- Dulux: Gloss Synthetic enamel.
40.	Cement Primer.	Nerolac, berger, BP White (Berger),
		Decoprime WT (Asian), White
		primer(ICI).
41.	Steel Primer (Red Oxide Zinc	Asian paints, Nerolac, Berger, ICI.
	Chromate Primer)	
42.	Wood Primer.	Asian Paints (Wood Primer- White/Pink)
		Berger ICI, Nerolac
43.	Epoxy Paint	Asian, Nerolac, Berger, ICI, Kansai Akzo Nobel.
44.	Fire Paint	Asian Paints, Akzo Nobel coatings India Ltd.
		PROMAT, Jotun.
45.	G.I/M.S Pipe	Tata, Jindal (Hisar), Jindal (Ghaziabad), Surya
46.	G.I Fitings	Unik, AVR, Zoloto
47.	HDPE Pipe.	Reliance, Jain Pipes, ORPLAST, Supreme.
48.	DI PIPES	Electrosteel, Jindal, TATA Ductura, Kapilangle, Kesoram.
49.	DI Fittings	Electrosteel, Jindal, TATA Ductura, Kapilangle, Kesoram.
50.	UPVC Pipe and Fittings	Astral, Supreme, Ashirwad, Finolex
51.	Centrifulgally Cast (spun) Iron	NECO, Kapilansh, Electtrosteel, SKF.
	Pipes & Fittings.	
52.	C.I. Manhole covers, frames & GI	NECO, RAJ Iron Foundary Agra, BIC, SKF,
53.	Gratings.  SFRC Manhole covers & gratings	Kapilansh. KK, Jain, Pragati or as approved by EIC
		11
54.	CP Brass Fittings	Jaquar, Grohe, Roca, Hindware, Prayag, parryware
		or as approved by EIC
55.	Stainless steel pipes & fittings	Tata, Jindal, Viega, Hindware or as approved by EIC
56.	Sanitary ware, Fittings & accessories	Kohler, Roca, Hindware, Parryware, Jaquar, Johnson Padler,
57.	Mirror Glass	Atul, Modi Guard, Golden Fish.
58.	CPVC Pipe & Fitting	Astral, Supreme, Ashirwad
59.	Stainless Steel Sink	Neelkanth, Niralli, Jyna
60.	RCC Pipes (NP-2)	As approved by EIC.
61.	UPVC Doors & Windows (Profile	Fenesta, VEKA, KOMERLING, RHEAU,
	makers & their authorized	Aluplast, Wintech.
	Fabricators only)	

62.	Extruded polystyrene insulation Board	Doworning, Sipreme, Texas, Analco
63.	Heat Resistant Tiles	Swastik, Thermatek.
64.	Gypsum Plaster	Ferrous Crete, Gyproc Saint Gobain, Ultratech
65.	Floor Hardener	Ironite, Ferrok, Hardonate.
66.	Modular Expansion joint	Herculus, Sanfield India Ltd. Vexcolt.
67.	Glass Wool	Dow Corning, U.P. Twiga, Isover.
68.	UPVC door and window hardware's	Rotto, Dorset kinglong
69.	AAC Blocks	Ultratech, Instablock, Biltech, JK Smartblox Shree Cement Ltd.
70.	AAC Block Adhesive	Ultratech, Ardex Endura, Ferrous Crete.
71.	Locks in cabinets, furniture	Hettich, Blum, Hafele, Godrej, Dorset, Dorma, Ozone
72.	EPDM gasket	As approved by EIC.
73.	Water proofing cement paint	Snowcem: Super Snowcem, Acrocem
74	PVC Water Tank	Sintex or as approved by EIC

- 1. All the materials shall be tested for quality as per the relevant site by the contractor at his own cost. Details of tests shall be provided in the agreement.
- 2. The consumption of cement shall be calculated as per CPWD/DSR norms.
- 3. In case of Non availability of prescribed board as stated above approval of equivalent good brand can be considered for approval by HNBGU but only under unavoidable circumstances.

#### Special condition for White/Color wash & Painting work:-

- 1. Rates are including the cost of all the materials, labour, T&P, scaffolding etc. for the execution and completion of the work.
- 2. Rates are applicable for all heights and levels of the buildings.
- 3. The cleaning of all the white wash and painting spots over the doors, windows, floors, glass, electric switches & fixtures, is the responsibility of the Contractor nothing extra on account of this would be paid. If the contractor fails to clean these spots it would be got cleaned departmentally and expenditure incurred would be debited to the contractors account.
- **4.** All the safety measures which are for safe execution of the work is in the scope of the contractor. If any accident/ miss happening occurred during the execution of work at site the contractor shall be solely responsible for the same.
- **5.** The work shall be taken up strictly as per the latest IS codes, consumption factors and CPWD specifications with updated latest amendments.

#### General Rules & Directions for Bidders

- 1. Tender application/ document can be seen and downloaded from University website: www.hnbgu.ac.in
- 2. The interested bidder must read all terms and conditions of HNBGU carefully. He/ She should only submit the bid if he/she considers himself/ herself eligible and is in possession of all the documents required.
- 3. Information and Instructions for bidders shall form a part of bid documents. Information and Instructions can be seen and downloaded from website https://mhrd.euniwizarde.com or <a href="https://www.hnbgu.ac.in">www.hnbgu.ac.in</a>
- 4. Tender should be submitted through online mode only at e-Procurement portal <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> along with all the supporting documents. For details of online submission process refer to bidder manuals on e-Procurement portal. Bidders are advised to go through Instructions to bidder for e-tendering before submitting tender online. Manual submission of tender is not permitted and bids submitted manually will be rejected.
- 5. The bidders are advised to get themselves registered on the e-Procurement portal at least a week before the scheduled date and time of bid submission. This will help the new bidders/vendors to get familiar with the e-Procurement portal. The bidders must arrange computers/laptop, high speed internet and other equipment etc. required for bid submission at their own. For more details visit <a href="http://mhrd.euniwizarde.com">http://mhrd.euniwizarde.com</a>
- 6. Bidders are advised to inspect and examine the site and satisfy themselves before submitting their tender as to the nature of the site, the means of access to the site, the accommodation they may require and about the desired requirement of work. Also, obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender.
  - A Bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding otherwise shall be allowed.
  - The Bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity, access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.
  - Submission of a tender by a Bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specification of the work to be done.
- 7. The bid can be submitted only after submission of Processing fee and EMD of Sixty Thousand through available modes of payment on the e-Procurement portal. Refer to the instructions to the bidders and bidder manuals for more details.
- 8. Firms, which are not registered on the website <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
- 9. The intending bidder must have valid class-III digital signature to submit the bid.
- 10. On opening date, the bidder can login and see the bid opening process. After opening of bids, he/she will receive the competitor bid sheets.
- 11. Copy of documents of eligibility as specified in the bid document in the form of JPG format and PDF format shall be scanned and uploaded to the e-tendering website within the period of bid submission.

- 12. Online Financial bid documents submitted by intending bidders shall be opened only for those bidders, whose EMD is deposited and other documents are scanned and uploaded and found in order.
- 13. The bidders should quote **their lowest rates** based upon the Terms and Conditions forming part of their tender document. The quoted rates as per **Financial Bid** shall include **all taxes** i.e. GST and Labour cess etc. Order will be placed to the successful bidder (quoting lowest rates) out of the eligible bidders.
- 14. The Earnest Money Deposit (EMD) of bidders, whose rates are not approved, will be returned within 30 days after finalization of the tenders.
- 15. If any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
- 16. The contractor whose tender is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period 07 days from the date of issue of letter from HNBGU. This guarantee shall be in the form of Deposit at call receipt of any scheduled Bank/Banker's cheque of any scheduled Bank/Demand Draft of any scheduled bank/pay order of any scheduled Bank on prescribed format by University. The Performance Guarantee shall be initially valid up to the stipulated date of completion plus minimum 60 days beyond that. On the application by contractor, PG will be released within 30 days after completion of work.
- 17. The Earnest Money Deposit (EMD) of bidders, whose rates are approved, will be returned within 30 days after deposition of Performance Guarantee.
- 18. Opening of Financial Bids: The University authority will make a decision on those bids qualified after the Technical evaluation.
- 19. Criteria for Bid Evaluation: The contract will be awarded to the bidder who will have the lowest rates.
- 20. Acceptance/Non-acceptance of bids: The tenders that do not fulfill any of the above conditions or are incomplete in any respect are liable to be rejected.
- 21. The University Authority reserves the right to accept or reject any or all tenders without assigning any reasons thereof and the bidder shall have no right, whatsoever, to challenge the same.
- 22. Tenders shall be kept valid for at least a period of 60 (Ninety) days from the date of opening.
- 23. Successful Bidder will have to sign the contract within 7 (seven) working days from the date of issue of work order by HNBGU.
- 24. An amount equal to 5% shall be deducted as security money from the Running/ Final bill of the contractor and shall be retained up to defect liability period/ maintenance period and that may be release after completion of successful defect liability period. No interest will be paid on the amount of the security deposit deducted from the bills. Security can be deposited in the form of TDR pledged in fever of Finance Officer, HNBGU.
- 25. The quoted rate should be valid till end of agreement period / Financial Year.
- 26. In case, the Bidder/ firm fail to comply the terms & conditions, the University may terminate the contract without assigning any reason.
- 27. All suits shall be in the courts of **Pauri Jurisdiction** only.
- 28. The successful bidder will be liable to complete the work of "Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University" within a period of 45 days of getting the order. If the successful bidder does not start the work in time or stops the work midway or leaves the work altogether, his/her EMD/PG will be forfeited and the University shall have the right to cancel the order.
- 29. At any time prior to the deadline for submission of bids, the University may, if necessary, modify the tender document by a written amendment. All prospective Tenders will be notified of the HNBGU/S&PD/ET/2022/ Page 18 of 38

- amendment which will be binding to all the bidders. The amendments will be notified on the websites, <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> or <a href="www.hnbgu.ac.in">www.hnbgu.ac.in</a>.
- 30. The rates of items shall be filled online only. Scanned copy of this document is not to be attached along with other enclosures.
- 31. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.

#### GENERAL CONDITION OF CONTRACT (GCC)

#### Other important conditions:-

- 1. The time allowed for carrying out the work will be 45 (Forty five) days from the date of order.
- 2. The site for the work is available and ready for commencement of the task.
- 3. The contractor whose tender is accepted will be required to furnish **performance guarantee** of 5% (Five percentages) of the tendered amount within the period 07 days from the date of issue of letter from HNBGU. This guarantee shall be in the form of Deposit at call receipt of any scheduled Bank/Banker's cheque of any scheduled Bank/Demand Draft of any scheduled bank/pay order of any scheduled Bank on prescribed format by University. The Performance Guarantee shall be initially valid up to the stipulated date of completion plus minimum 60 days beyond that.
- 4. In case the contractor fails to deposit the said performance guarantee within the period mentioned in letter including the extended period if any, the Money deposited by the contractor as earnest money shall be forfeited automatically without any notice to the contractor.
- 5. The University through Registrar does not bind itself to accept the lowest or any other tender and reserves the authority to reject any or all of the tenders received without assigning any reason. The tenders which do not fulfill any of the prescribed conditions or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
- 6. The University through Registrar reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same on the quoted rate.
- 7. Canvassing whether directly or indirectly, in connection with tender is strictly prohibited and the tender submitted by the tenderer who resorts to canvassing will be liable for rejection.
- **8.** An agreement with the successful tenderer shall be entered into by HNBGU as per general rule direction and general condition of contract.
- 9. The tender shall remain valid for acceptance for a period of 60 days from the date of opening of tender.
- 10. This Notice Inviting Tender with all other documents of tender shall form a part of the contract.
- 11. The line plan and other details of work is a mere guide and final payment shall be done on the basis of actual work done.

#### 12. TENDER RATES:-

The rates offered by tenderer must include the cost of transportation of material to the site, all taxes such as GST and Octroi etc. complete in all respect for which the items of work is intended to be operated. The rates shall be inclusive of all lead, lift and scaffolding etc. complete in all respect. No extra payment shall be made except specified in the item.

#### 13. SPECIFICATION OF WORK:

All the material shall be used of good and approved quality (BWF certified) only. Substandard work and material in any case shall not be accepted and all the necessary removal/redoing shall be done by the contractor at his own.

CPWD specification, rules and conditions, issued from time to time will be followed.

#### 14. COMMENCEMENT OF WORK:

The Contractor shall commence the work on site within 3-7 days from the date of receipt of work order/ Letter of Intent.

#### 15. COMPLOY OF LABOUR ACT & SAFTY CODE

The contractor shall fully responsible to comply with the directions as per labour act. The contractor shall observe all statutory safety and legal requirements regulations issued by Central and State Governments applicable to the work as well as any local regulations applicable to the site issued by the HNBGU or any other authority.

#### **16.** INCOME TAX AND OTHER TAXES:

Statutory deductions for Income tax, GST, labour cess and any other tax as per the applicability shall be made from the payment as per prevalent rate and rules in this regards.

#### 17. DEFECTS LIABILITY PERIOD/ MAINTENANCE PERIOD:

Defect liability period shall be 12 month (01 year) after virtual completion of the task. The date of satisfactory completion certificate, issued by the In-charge of work/user shall be the VIRTUAL COMPLETION. Any defects developed within 'Defect Liability period' of 12 months will have to be rectified by the contractor by its own expenditure. The rectification of such defects shall be taken immediately on receipt of written notice from the Owner and such defects may extend 'liability period. In case of failure to do so the owner shall get the rectification work done by any other agency at the risk and cost of the contractor. Security Amount will be refunded after successfully completion of maintenance period.

#### 18. LIFE CYCLE COST:

The contractor shall be responsible for safety, quality and soundness of the buildings including structural elements beyond maintenance period. The contractor shall have obligation to rectify such defects minimum up to 5 (five) years from the date of completion of work. The defects have to be rectified within a reasonable time not exceeding two months after issue of notice by Engineer- in- Charge.

**19. SECURITY MONEY:** An amount equal to 5 % shall be deducted as security money and shall be retained up to 12 month against defect liability/ maintenance period that may be release after completion of successful defect liability period without any interest. Security can be deposited in the form of TDR.

#### **20.** SUPPLY OF MATERIALS TOOLS AND PLANT:

The contractor shall arrange all the material/T&P etc. required for the work. Any damages caused during transit shall be borne by the contractor and nothing shall be paid on this account by the University. The damaged/substandard material shall not be used on the work.

#### 21. PAYMENT:

The payment shall be made against the bill submitted by the contractor and verified by the engineer in-charge, based upon the joint measurement by the Contractor. Contractor shall submit 03 copies of the printed bill and 02 copies of the measurement sheets. Payment may be released within 15 days after submitting the printed bill to competent authority of Hemvati Nandan Bahuguna Garhwal University.

#### 22. PENALTY AGAINST DELAY:

Entire work will be completed and handed over within stipulated period as mentioned in work order/ letter of intent. The University shall levy liquidated damages against the contractor at the rate of 1% of the total contract value per day week of delay, up to a maximum of 10 % of the total value of the work as penalty against delay.

#### 23. EXTRA ITEMS:

The rates of extra item as decided by the competent authority of Hemvati Nandan Bahuguna Garhwal University as per the manner as above shall be binding to both the parties and shall not be subject to Arbitration. In the case of Extra Item(s) being the schedule items (Delhi Schedule of Rates items), these shall be paid as per the schedule rate plus cost index (at the time of tender) plus/minus percentage above/ below quoted contract amount. Payment of Extra items in case of non-schedule items (Non-DSR items) shall be made as per the prevailing market rate.

#### **24.** WATER AND ELECTRICITY:

It is the responsibility of the contractor to arrange Water and Electricity for the work in his own cost. However if provided by the Hemvati Nandan Bahuguna Garhwal University, the actual uses charges of water and electricity shall be borne by the contractor.

#### 25. SAFE STORAGE OR MATERIALS:

The contractor shall be responsible for the safe storage of material use in the work. Hemvati Nandan Bahuguna Garhwal University is not responsible for any damage or loss of the contractor's material bring for the work by him. The contractor shall bind to store the requisite materials at site as per the consumption norms of CPWD which will duly verified by the engineer I/c..

#### **26. SITE TO BE KEPT CLEAR:**

The debris shall be removed professionally and stacked, leveled and dressed in environmental friendly manner to a place as directed by the Engineer Encharge HNBGU.

#### **27. COST OF SAMPLES:**

The Contractor at his own cost shall supply all the samples of material to be used, whenever required and instructed. The final application of such material to be done only after approval of user/Engineer In -Charge is obtained.

#### 28. QUALITY OF MATERIALS, WORKMANSHIP AND TESTS:

The Contractor shall provide such assistance instruments, machines, labour and materials, as are normally required for examining, measuring, and testing any work or material and the quality, weight or quantity of any material used. The Contractor shall also provide the shop drawing of the task if required.

The decision of competent authority of HNB Garhwal University regarding the quality of the material and workmanship will be final and binding. The In-charge of work during the progress of the task has power to order in writing form time to time for removal of the substandard work and any material which in the opinion of In-charge of works is not in accordance with specifications or instructions. The replacement of inferior material and improper execution shall be re-executed by the contractor on his own cost.

The Contractor on the instruction of In-charge Hemvati Nandan Bahuguna Garhwal University immediately shall dismiss from work any person employed thereon by him, who in the opinion HNBGU unsuitable or incompetent. Such discharges shall not be the basis of any claim for compensation of damages against HNBGU or any of their officers or employee.

#### 29. Force Majeure Shall mean and be limited to the following:

Fire, explosion, cyclone, earthquake, flood, tempest, lightening or other natural physical disaster;

War / hostilities, revolution, acts of public enemies, blockage or embargo;

- a. Any law, order, Riot or Civil commotion, proclamation, ordinance, demand or requirements of any Government or authority or representative of any such Government including restrictive trade practices or regulations;
- b. Strikes, shutdowns or labor disputes which are not instigated for the purpose of avoiding obligations herein, or;
- c. Restrictions imposed by the Government or other statutory bodies which prevents or delays the execution of the order;

Any other circumstances beyond the control of the party affected;

The contractor shall intimate Executive Engineer, HNBGU by a registered letter duly certified by the local statutory authorities, the beginning and end of the above causes of delay within seven (7) days of the occurrence and cessation of such Force Majeure Conditions. In the event of delay lasting over two months, if arising out of causes of Force Majeure, Purchaser reserves the right to cancel the order.

Completion period may be extended due to circumstances relating to Force Majeure by the Executive Engineer, HNBGU. Contractor shall not claim any further extension for completion of work. HNBGU shall not be liable to pay extra costs under any circumstances.

The contractor shall categorically specify the extent of Force Majeure conditions prevalent in their works at the time of submitting their Tender and whether the same have been taken in to consideration or not in their quotations. In the event of any Force Majeure cause, the contractor shall not be liable for delays in performing their obligations under this order and the work dates can be extended to the contractor without being subject to price reduction for delayed deliverables, as stated elsewhere.

It will be prerogative of Executive Engineer / H.N.B.Garhwal University Srinagar Garhwal Uttarakhand to take the decision on force major conditions and HNBGU decision will be binding to the Bidder.

#### **30.** Bill:

No advance payment will be made for starting of the works. First and final payment will be released after completion of the work.

**Note:-** Completion of work means completion of each item of the work specified in work order issued by Hemvati Nandan Bahuguna Garhwal University to the complete satisfaction of user/ Engineer - In- charge.

#### 31. Work to be Executed in Accordance with Specifications, Drawings, Orders etc.

The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work signed by

the Engineer-in-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings and instructions as are not included in the standard specifications of Central Public Works Department specified or in any Bureau of Indian Standard or any other, published standard or code or, Schedule of Rates or any other printed publication referred to elsewhere in the contract. The contractor shall comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably inferred from the contract. The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

#### 32. Drawing/Line Plan:

Drawing/ line plan details of work is mere guide only. The task to be done as per actual site conditions. Hemvati Nandan Bahuguna Garhwal University (a Central University) Srinagar Garhwal reserves all rights and authority to reject or accept any/all tenders or parts their-off without assigning any reason what- so- ever.

#### **DECLARATION**

I have read all the terms and conditions of tender document as above and I shall abide with these terms & conditions of the tender.

	Signature of authorized person of tenderer/agency
(	)
	Name of tenderer/agency
	Stamp
	Date:

#### **Financial Bid**

Name of work:- Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University

Name of the Contractor:

I hereby tender for the execution for "Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University" for the work specified in the under written memorandum within the time specified in such memorandum at the rate specified in the tender document and in accordance in all respect with the specification, designs drawings and instructions in written referred in rules.

#### Memorandum

01	General Descriptions of Work	As above			
02	Estimated Cost of Work on DSR 2021 including applicable cost index @13.33%	Rs 29,99,500.00			
03	Time allowed for the completion of the work from the date of written orders	45 days			
04	Earnest money	Rs. 60,000.00			
05	Bill of quantity	As per Section "XVI"			
06	We hereby agree to execute the work at				
07	I/We hereby further agreed to execute any variation and extra item and new items which is required to complete the work, shall be above. The extra items which are not included in DSR-2021 shall be paid as per the approval of Competent Authority.  If this tender is accepted, I hereby agree to abide by and fulfilled provisions of the contract annexed herewith and duly signed by Money submitted by me along with tender documents, the tender paid to the account of Finance Officer, HNBGU Srinagar Garhw	done on the same rates as quoted (specified as Non-schedule item)  I all the terms and conditions and me. In case of any default, Earnest der be forfeited and same may be			

Note: The price of above mentioned items shall be filled online only. Scanned copy of this document is not to be attached/uploaded along with other enclosures.

## "FORMAT FOR AGGREMENT"

(On Judicial stamp paper of Rs. 100/-)

This agreement is entered between Registrar, Hemvati Nandar	n Bahuguna Garhwal University, Srinagan	r,
Garhwal (HNBGU) and	(Contractor) on dated	
2022 as below.		
1- Agreement No.:-		
2- Name of Work:- Washing/ Repairing work in different plants	laces (allotted house and emergency work	
etc.) at Pauri Campuses of the University		
3- Name of contractor:-		
4- Estimated cost:- <b>Rs. 29,99,500.00</b>		
5- Tender amount:- <b>Rs.</b>		
6- Accepted tender cost: - Rs.		
7- Performance guarantee:- Rs. (Deposit	ted amount- Rs)	
8- Time allowed:- 45 days (Forty five)		
9- Date of start:-		
10- Date of finish:-		
11-General condition of contract:- As enclosed in tender	document.	
12-Specification and other condition of contract:- As per I	list of Tender document and CPWD	
specification and work manual.		
I/We have read and examined the Tender documents for the execution of the work specified for the HNBGU within the in accordance with the specifications, designs, drawing an conditions of contract and with such materials as are accordance with such conditions so far as applicable.	e time specified in NIT of quantities and and instructions in writing referred to the	
Registrar, HNBGU	Contractor	
Witness:-	Witness:-	
1- Executive Engineer, HBGU	1(if any)	ļ

#### FORM OF PERFORMANCE SECURITY (GUARANTEE)

#### (BANK GUARANTEE BOND)

cor	consideration of the President of India (hereinafter called "the Government") having offered to accept the terms and aditions of the proposed agreement between
Gu	arantee for Rs
1.	We,
2.	We, (indicate the name of the bank)do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs(Rupees
3.	We, the said bank further undertake to pay to the government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.
4.	We, (indicate the name of the bank)further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-charge on behalf of the government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.
5.	We, (indicate the name of the bank)further agree with the Government that the Government shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the government against the said contractor(s) and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the government or any indulgence by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6.	This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7.	We, (indicate the name of the bank)lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
8.	This guarantee shall be valid up to, unless extended on demand by Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs(Rupees
Da	ted: the day of
	Seal & Signature with Name & Address

For ...(indicate the name of the bank) ...

#### **Instructions for Online Bid Submission through MHRD e-Biding Portal**

#### **Instructions for Online Bid Submission through MHRD e-Biding Portal**

The bidders are required to submit soft copies of their bids electronically on the e-bid Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-Procurement Portal <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>, prepare their bids in accordance with the requirements and submitting their bids online on the e-Procurement Portal.

More information useful for submitting online bids on the e-Procurement Portal may be obtained at: <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>

#### REGISTRATION

- 1. Bidders are required to enroll on the e-Procurement Portal (<a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>) by clicking on the link "Online bidder Registration" on the e-bid Portal by paying the prescribed Registration fee.
- 2. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
- 3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidder.
- 4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6. Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
- 7. The scanned copies of all original documents should be uploaded on portal.
- 8. For any Query contact to our helpdesk Number 011-49606060, Email: ewizardhelpdesk@gmail.com,
- 9. University Help Line Numbers:

Executive Engineer - 9411109898, Assistant Engineers - 8958458550, 8859011881

#### SEARCHING FOR BIDDING DOCUMENTS

- 10. There are various search options built in the e-bid Portal, to facilitate bidders to search active bids by several parameters. These parameters could include Bid ID, Item/work id, Title, Date, etc.
- 11. Once the bidders have selected the bids they are interested in, the bidder can pay the processing fee by available mode of payment and participate in tendering. Once processing fee is paid, it will be moved to the respective "requested" Tab. This would enable the e-bid Portal to intimate the bidders through e-mail in case there is any addendum and corrigendum issued to the bidding document.

#### PREPARATION OF BIDS

- 12. Bidder should take into account any addendum and corrigendum published on the bid document before submitting their bids.
- 13. Please go through the bid advertisement and the bid document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 14. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the bid document / schedule and generally, they can be in PDF /JPEG formats. Bid Original documents may be scanned with 100 dpi with Colored option which helps in reducing size of the scanned document.
- 15. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card, GST certificates and etc.) has been provided to the bidders. Bidders should use "My Documents" available to them to upload such documents.
- 16. These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

#### **SUBMISSION OF BIDS**

- 17. Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 18. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the bidding document.
- 19. Bidder has to select the payment option as "Online mode or Bank Guarantee" as to pay the EMD as applicable and enter details of the instrument.
- 20. In case of Bank Guarantee scanned copy of BG should be uploaded along with bid. The original Bank Guarantee shall be submitted to office of the concerned official of Hemvati Nandan Bahuguna Garhwal University as per schedule mentioned in the bid document. Non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid. The details of the BG, physically submitted should match with the details available in the scanned copy and the data entered during bid submission time. Otherwise bid will be rejected.
- 21. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the bid document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 22. The server time (which is displayed on the bidders dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 23. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener public keys. Overall, the uploaded bid documents become readable only after the bid opening by the authorized bid openers.

- 24. The uploaded bid documents become readable only after the bid opening by the authorized bid openers.
- 25. Upon the successful and timely submission of bid click "Complete" (i.e. after Clicking "Submit" in the portal), the portal will give a successful Bid submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
- 26. The bid summary has to be printed and kept as an acknowledgement of bid submission.

#### **ASSISTANCE TO BIDDERS**

- 1. For any Query contact to our helpdesk Number 011-49606060, , , Email ewizardhelpdesk@gmail.com
- 2. University Helpdesk Numbers:

Executive Engineer - 9411109898, Assistant Engineers - 8958458550, 8859011881

#### SPECIAL INSTRUCTIONS TO BIDDERS FOR E-TENDERING

#### General:

These Special Instructions (for e-Tendering) supplement to 'General Instructions to Bidders' (GIB), as given in the Tender Documents. Submission of Bids only through online process is mandatory for this Tender.

e-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, H.N.B.Garhwal University Srinagar Garhwal has decided to use the <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> through Central Public Procurement Portal, Ministry of H.R.D., and Government of India. Benefits to Suppliers are outlined on the Home-page of the E-portal.

#### **Instructions:**

- a. Tender Bidding Methodology:
  - Through electronic tendering.
- b. Broad outline of activities from Bidders prospective:
  - i) Procure a Digital Signing Certificate (DSC)
  - ii) Register on https://mhrd.euniwizarde.com
  - iii) Create Users and assign roles on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>
  - iv) View Notice Inviting Tender (NIT) on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> or <a href="www.hnbgu.ac.in">www.hnbgu.ac.in</a>
  - v) Download Official Copy of Tender Documents from <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> or <a href="https://mhrd.euniwizarde.com">www.hnbgu.ac.in</a>
  - vi) Bid-Submission on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>: Prepare & arrange all document/paper for submission of bid online only.
  - vii) Utmost care may be taken to name the files/documents to be uploaded on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>.
  - viii) It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission.
  - ix) BOQ Section -VII (Excel Format) shall be filled online only.

#### For participating in this tender online, the following instructions need to be read carefully...

#### c. Digital Certificates:

For integrity of data and its authenticity/ non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class 3, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA).

#### d. Registration:

To use the MHRD Portal (<a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>). Vendor needs to register on the portal. The vendor should visit the home-page of the portal (<a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>).

**Note:** Please contact Helpdesk (as given below), to get your registration accepted/activated.

#### **Help Desk No.:**

#### Number 011-49606060, Email ewizardhelpdesk@gmail.com,

#### Bid related Information for this Tender

The entire bid-submission would be online on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>. Broad outline of submissions area follows:

i) Submission of Earnest Money Deposit (EMD)

**Note: 1.**The Bidder has to upload the Scanned/ self attested copy of all above mentioned original documents during Online Bid-Submission.

**Note:2. Special Note on Security of Bids:** The bid EMD/Bid Security/Security Deposit can be submitted online only. Through available modes of payment on the e-Procurement portal. Refer to the instructions to the bidders and bidder manuals for more details.

#### e. Other Instructions:-

For further instructions, the vendor should visit the home-page of the portal (https://mhrd.euniwizarde.com or www.hnbgu.ac.in).

#### The following 'Four Key Instructions' for BIDDERS must be assiduously adhered to -

- **a.** Obtain individual Digital Signing Certificate (DSC) well in advance of your first tender Submission.
- **b.** Register your organization on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> well in advance of your first tender submission deadline.
- **c.** Get your organization's concerned executives trained on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> using online training module well in advance of your tender submission deadline on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>.
- **d.** Submit your bids well in advance of tender submission deadline on <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a> (HNBGU should not be responsible any problem arising out of internet connectivity issues).

Note: While the first three instructions mentioned above are especially relevant to first-time users of the <a href="https://mhrd.euniwizarde.com">https://mhrd.euniwizarde.com</a>, the fourth instruction is relevant at all times.

#### f. PRICE SCHEDULE:

- 1. PRICE fills online only.
- 2. The rate of items shall be filled online only. Scanned copy of this document is not to be attached along with other enclosures.

## **BILL OF QUANTITIES/ SUMMARY OF COST**

Name of Work: Washing/ Repairing work in different places (allotted house and emergency work etc.) at Pauri Campuses of the University

S.N	ITEM DESCRIPTION	QTY	UNIT	DSR RATE	AMOUNT	DSR 2021 ITEM NO
1	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-chargeln cement mortar	8.00	cum	1698.45	13587.60	15.7.4
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	5.00	cum	2007.10	10035.50	15.2.1
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead Of area beyond 3 sq. metres	10	each	414.55	4145.50	15.12.2
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres leadFor thickness of tiles above 25 mm and up to 40 mm	80	sqm	93.40	7472.00	15.23.2
5	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 mmnominal size derived from natural sources	7.00	cum	7365.15	51556.05	4.1.3
6	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.  Size of Tile 600x600 mm	150.00	sqm	1416.65	212497.50	11.41.2
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:6 (1 cement : 6 coarse sand)	8.00	cum	8288.35	66306.80	6.4.2
8	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand)	40.00	sqm	282.00	11280.00	13.1.2
9	Finishing walls with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	200.00	sqm	166.85	33370.00	13.46.1

10	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	28.00	sqm	1881.95	52694.60	9.21.2
11	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	150.00	sqm	1063.45	159517.50	8.31
12	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing.9.120.1 30 mm thick plain PVC door shutters	15.00	sqm	2455.10	36826.50	9.120.1
13	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	100.00	kg	102.25	10225.00	10.25.1

14	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) :nodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	16.72	kg	433.95	7255.64	21.1.1.
15	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) :Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	40.47	kg	531.80	21521.94	21.1.2.
16	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-incharge.Pre-laminated particle board with decorative lamination on both sides	3.80	sqm	951.05	3613.99	21.2.2
17	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm	6.27	sqm	1325.5 5	8311.20	21.3.2

18	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISi, IS: 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	1	each	856.30	856.30	9.84
19	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 200x10 mm	2	each	90.80	181.60	9.97.3
20	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-chargeAnodized (AC 15) aluminium	5	each	88.75	443.75	21.16.1
21	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying:(a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm.(b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm.on parapet wall and tucked into groove in parapet all around.	50.00	sqm	585.55	29277.50	22.6
22	Distempering with 1st quality acrylic distember (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :Old work (one or more coats)	13000.00	sqm	56.80	738400.00	13.90.1
23	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including water thinnable priming coat with cement primer	200.00	sqm	162.55	32510.00	13.41.1
24	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	200.00	sqm	131.45	26290.00	13.61.1
25	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One or more coats on old work	600.00	sqm	86.55	51930.00	13.99.1
26	Finishing walls with Acrylic Smooth exterior paint of required shade :Old work (One or more coat applied @ 0.90 ltr/10 sqm).	10000.00	sqm	74.75	747500.00	13.111.2
27	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	70.00	sqm	941.95	65936.50	14.5.1
28	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	5	each	5781.35	28906.75	17.1.1

29	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete .125mm	46	each	60.05	2762.30	9.100.1
30	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :250x10 mm	22	each	74.65	1642.30	9.63.1
31	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.  110 mm diameter	60.00	rmt.	319.75	19185.00	12.41.2
32	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid	7	Each	5540.55	38783.85	17.2.1
33	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	4	Each	3392.85	13571.40	17.7.1
34	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively	6	each	1382.30	8293.80	17.23
35	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.32 mm dia	30	each	90.95	2728.50	17.28.1.1
36	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	10	each	1411.15	14111.50	17.31
37	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	3000.00	lit	9.70	29100.00	18.48
38	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore	30	no	434.20	13026.00	18.49.1
39	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore	15	each	708.40	10626.00	18.51.1
40	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.15 mm nominal bore	20	each	594.75	11895.00	18.52.1
41	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:893115mm nominal bore	10	each	500.35	5003.50	18.53.1

42	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball15 mm nominal bore, 105 mm long, weighing not less than 138 gms	50	each	161.55	8077.50	18.62.1
43	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	30	each	96.75	2902.50	18.65
44	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour15 mm nominal bore with 45 cm length	25	each	107.90	2697.50	18.74.2
45	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	15	each	532.35	7985.25	18.17.1
46	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :15 mm dia nominal bore	30.00	rmt.	485.20	14556.00	18.11.1
47	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :15 mm nominal bore	28	each	262.30	7344.40	18.46.1
	Sub Total				2646742.02	
	ADD COST INDEX 13.33%				352810.71	
	Total Cost				2999552.73	
				Say.	29.995Lac	