



CENTRAL UNIVERSITY OF SOUTH BIHAR
SH-7, Gaya Panchanur Road, Vill- Karahra, Post- Fatehpur, PS- Tekari,
Dist-Gaya (Bihar), PIN- 824236

TENDER REF.NO. CUSB/PSD/EE/PLUMB/28/2018-19 , Dated : -06.03.2019

Notice Inviting Tender

1. Offline bids are invited from the experienced contractors /agencies / individual in two bid system for **“Providing, fixing, Installation & Commissioning of Submersible Pump, Boring/drilling bore well, GI Pipelines for Horticulture work and other Miscellaneous nature of works in HVC Residence cum camp office”** of the University campus at Panchanpur, Gaya (Bihar).
2. Tender documents may be downloaded from University’s website www.cusb.ac.in as per the schedule as given in as under.

Publishing Date	06/03/2019 (5:00 PM)
Bid Document Download Start Date	06/03/2019 (5:00 PM)
Quotation Fee	Rs. 1000.00
Completion Time	01 Month (One Month)
Bid Submission start date	12/03/2019 (10:00 AM)
Pre Bid Meeting	12/03/2019 at 4.30 P.M at CUSB, Panchanpur, Gaya
Bid Submission end date	26/03/2019 (3:00 PM)
Bid Opening date	26/03/2019 (3:30 PM)
Earnest Money Deposit	Earnest money as mentioned in Tender Notice in shape of DD drawn in favour of Central University of South Bihar, payable at Gaya from any schedule Bank.

3. Bids shall be submitted offline only in sealed envelope in Tender Box placed at the Purchase & Store Section, Upper Ground Floor, Administrative Building of CUSB, Panchanpur, Gaya, Bihar.
4. Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

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1. Instructions to Bidders:

1. Price bid undertaking form along with SOQ/BOQ should be duly filled in and the same should be submitted along with the tender in separate envelope-II duly sealed and signed texting: Price bid, REF. No., name of work, envelope-II, detail of tenderer etc.
2. The bidder should provide self-attested Photo copies of all the documents serial 1 to 2 of Eligibility Criteria in separate envelope-I duly sealed and signed texting: Technical bid, REF. No., name of work, envelope-I detail of tenderer etc.
3. Both envelopes as stated above shall be put in to a big envelope texting: Technical bid, REF. No., name of work, detail of tenderer etc. and same should be dropped in to tender box kept in the Purchase & Store Section, Upper Ground Floor, Administrative Building of CUSB, Panchanpur, Gaya, Bihar.
4. Any query related to tender may be asked through email on email id: registrar@cub.ac.in; so1@cub.ac.in or in person before at 5.00 PM on 11.03.2019. No query shall be entertained after above date.
5. Price should not be written anywhere else in bidding document except in envelope-II, if found the bid shall be rejected.
6. **Payment terms:** 95% after completion of work & 5 % after expiry of defect liability period which is six month from the date of completion of work. Payment can also be made in Running Account Bills subject to satisfaction of officer-in-charge.
7. As the University is in developing stage quantities of SOQ/BOQ may vary up to any extent upward or downward up to the tune of 100 % to the individual items & also up to 50 % of the total awarded value upward or downward with required revision in scope by the University. Contractor shall be bound to execute the work as per agreed rate, terms and conditions.
8. Earnest Money Deposit in form of Bank Draft for an amount of **Rs 15,000/- (Rupees Fifteen Thousands only)** drawn in favour of the **Central University of South Bihar** payable at Gaya.
9. The cost of tender form is Rs. 1,000/-.(Rs. One Thousand Only) which is to be deposited in the form of form DD, in favor of from Central University of South Bihar. The tender forms downloaded from the University website must be accompanied by DD of Rs. 1,000/-.(Rupees One Thousand Only) in favour of Central University of South Bihar, payable at Gaya.

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2. Eligibility Requirements:-

1. The bidder / contractor should have Experience in similar nature of work.
2. The bidder should have the following documents:
 - a. PAN Number
 - b. TIN Number/ GST Registration (Not mandatory for this work)
 - c. Power of attorney /Authority letter in case person other than the bidder has signed the tender documents.
 - d. Undertaking stating that the bidder /contractor has not been black listed from any authorities as per Annexure-B.

PRICE BID (To be provided in sealed envelope-II)

- (a) Price bid undertaking- Annexure -'A'
- (b) Schedule of price bid in the form of SOQ (Schedule of Quantity)/BOQ (Bill of Quantity) – Annexure -'C'
- (c) Technical Specification- Annexure-'D'

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Technical Specification			
Name of Work :- “Providing, fixing, Installation & Commissioning of Submersible Pump, Boring/drilling bore well, GI Pipelines for Horticulture work and other Miscellaneous nature of works in HVC Residence cum camp office” of the University campus at Panchanpur, Gaya (Bihar).			
Sl. No.	DSR-2016 Item No./NSI	Item Description	Unit
SH: 01 : Water Supply			
1	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (For External work.)	
	18.12.2	20 mm dia nominal bore	Mtr.
	18.12.3	25 mm dia nominal bore	Mtr.
	18.12.4	32 mm dia nominal bore	Mtr.
	18.12.5	40 mm dia nominal bore	Mtr.
2	18.13	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :	
	18.13.1	25 to 40 mm nominal bore	Each
3	18.15	Providing and fixing brass bib cock of approved quality :	
	18.15.1	15 mm nominal bore	Each
	18.15.2	20 mm nominal bore	Each
4	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :	
	18.17.1	25 mm nominal bore	Each
	18.17.2	32 mm nominal bore	Each
	18.17.3	40 mm nominal bore	Each
5	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :	
	18.18.1	15 mm nominal bore	Each
	18.18.2	20 mm nominal bore	Each
	18.18.2	25 mm nominal bore	Each
6	18.37	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside) with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement. complete as per standard design :	
	18.37.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	Each
7	18.40	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :	

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	18.40.2	20 mm dia nominal bore	Mtr.
	18.40.3	25 mm dia nominal bore	Mtr.
	18.40.4	32 mm dia nominal bore	Mtr.
	18.40.5	40 mm dia nominal bore	Mtr.
8	18.46	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :	
	18.46.2	20 mm nominal bore	Each
	18.46.3	25 mm nominal bore	Each
	18.46.4	32 mm nominal bore	Each
	18.46.5	40 mm nominal bore	Each
		SH: 02 : Rain Water Harvesting & Tubewells	
9	23.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.	
	23.1.1	All types of soil	
	23.1.1.1	300 mm dia	Mtr.
10	23.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.	
	23.3.2	150 mm nominal size dia	Mtr.
11	23.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.	
	23.4.2	150 mm nominal size dia	Mtr.
12	23.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	Cum
13	23.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hour
14	23.13	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:	

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	23.13.2	150 mm dia	Each
15	23.14	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required	
	23.14.2	150 mm dia	
16	23.15	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).	
	23.15.2	150 mm dia	Each
		SH: 03 : Earth work	
17	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	
	2.8.1	All kinds of soil.	Cum
18	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	Cum
19	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum
		SH 04 : Concrete Works	
20	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	
	4.1.2	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum
21	4.1.5	1:3:6 (1 Cement : 3 coarse sand(zone-III) : 6 graded stone aggregate 20 mm nominal size).	Cum
22	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	
	4.1.11	1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size)	Cum
		SH 05 : RCC Works	
23	5.9	Centering and shuttering including strutting, propping etc. and removal of form for all heights:	
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete.	Sqm.
24	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.	
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500 D or more.	Kg.
		SH 06 : Brick Works	
25	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:	
	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum
		SH 07 : Steel Work	

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26	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	
	10.16.1	Hot finished welded type tubes.	Kg.
27	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg.
		SH:- 08 FLOORING	
28	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement , including cement slurry, but excluding the cost of nosing of steps etc. complete.	
	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	Sqm.
		SH 09 : Roofing.	
29	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %), total coated thickness with zinc coating 120 gm per sqm as per IS:277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm.
		SH 10 : Finishing	
30	13.4	12 mm cement plaster of mix :	
	13.4.2	1:6 (1 cement: 6 coarse sand)	Sqm.
31	NSI	Providing and fixing Impulse Brass Water Sprinkler with 4 wheel Stand all complete. As per direction of engineer enchange.	Each
32	NSI	Providing and fixing Flexzilla Garden Hose Reels 1"/ 3/4"-100 Feet (30 M) Long with female Brass Connectors all complete. As per direction of engineer enchange.	Each (30 m Long set)
33	NSI	Providing and fixing ISI marked Submersible water Pump (3 Phase 3 HP 6 Stages Submersible Pumps-KS6B-0306, Rating Voltage-440V, Phase-3, Rating Power-3 HP and 2.2 kW, Head Range-55-24 Meter, Flow Range-60-270 LPM, Outlet Size-50 mm) make Crompton, CRI, Kirloskar or equivalent. As per direction of engineer enchange.	Each
34	DSR(E&M) 2018,1.17	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.	
	1.17.22	4 x 4 sq. mm	Mtr.
35	NSI	Garden Expandable Garden Hose -3/4"- 50 Feet Long - Extra Strong Stretch Material with Brass Connectors - Bonus 8 Way Spray Nozzle Includedby Joeys Garden	Each (15 m Long set)
35	NSI	Garden Expandable Garden Hose -3/4"- 50 Feet Long - Extra Strong Stretch Material with Brass Connectors - Bonus 8 Way Spray Nozzle Included by Joeys Garden	Each (15 m Long set)

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PRICE BID UNDERTAKING

From: (Full name and address of the Bidder) _____

To,

Dear Sir/ Madam,

1. I submit the Price Bid for _____ and related activities as envisaged in the Bid document.
2. I have thoroughly examined and understood all the terms and conditions as contained in the Bid document, and agree to abide by them.
3. I offer to work at the rates as indicated in the price Bid, Annexure-'C' inclusive of all applicable taxes.
4. I am/we are not blacklisted in any authorities/ Departments.

Yours Faithfully,

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AFFIDAVIT/UNDERTAKING

(On Non-judicial stamp paper or on letter head)

1. I, the undersigned, do hereby certify that all the statements made in the required Attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/S -----
_____ have abandoned any work nor any contract Awarded to us for such works have been rescinded, during last three years prior to the date of this bid.
3. The undersigned hereby authorize and request any bank, person, firm or Corporation to furnish pertinent information deemed necessary and requested by the Central University of South Bihar, to verify this statement or regarding my (our) competence and general reputation.
4. The undersigned understand and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Central University of South Bihar.
5. The undersigned understand the terms of tender and hereby undertake to deploy only competent personals who have valid license to work under scope and full responsibility shall be with us.

(Signed by an Authorized Officer of the Firm)

Title of Officer

Name of Firm

Date

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Schedule of Quantity (SOQ)						
Price Bid proforma						
Name of Work :- “Providing, fixing, Installation & Commissioning of Submersible Pump, Boring/drilling bore well, GI Pipelines for Horticulture work and other Miscellaneous nature of works in HVC Residence cum camp office” of the University campus at Panchanpur, Gaya (Bihar).						
REF.NO. CUSB/PSD/EE/PLUMB/28/2018-19					Dated :-06.03.2019	
Sl. No.	DSR-2016 Item No./NSI	Item Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
SH: 01 : Water Supply						
1	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (For External work.)				
	18.12.2	20 mm dia nominal bore	Mtr.	95		
	18.12.3	25 mm dia nominal bore	Mtr.	242		
	18.12.4	32 mm dia nominal bore	Mtr.	115		
	18.12.5	40 mm dia nominal bore	Mtr.	75		
2	18.13	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :				
	18.13.1	25 to 40 mm nominal bore	Each	7		
3	18.15	Providing and fixing brass bib cock of approved quality :				
	18.15.1	15 mm nominal bore	Each	4		
	18.15.2	20 mm nominal bore	Each	5		
4	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	18.17.1	25 mm nominal bore	Each	3		
	18.17.2	32 mm nominal bore	Each	2		
	18.17.3	40 mm nominal bore	Each	2		
5	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	18.18.1	15 mm nominal bore	Each	5		
	18.18.2	20 mm nominal bore	Each	12		
	18.18.2	25 mm nominal bore	Each	5		

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6	18.37	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside) with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement. complete as per standard design :				
	18.37.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	Each	4		
7	18.40	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality				
	18.40.2	20 mm dia nominal bore	Mtr.	95		
	18.40.3	25 mm dia nominal bore	Mtr.	242		
	18.40.4	32 mm dia nominal bore	Mtr.	115		
	18.40.5	40 mm dia nominal bore	Mtr.	75		
8	18.46	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :				
	18.46.2	20 mm nominal bore	Each	2		
	18.46.3	25 mm nominal bore	Each	3		
	18.46.4	32 mm nominal bore	Each	1		
	18.46.5	40 mm nominal bore	Each	2		
		SH: 02 : Rain Water Harvesting & Tubewells				
9	23.1	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.				
	23.1.1	All types of soil				
	23.1.1.1	300 mm dia	Mtr.	45		
10	23.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.				
	23.3.2	150 mm nominal size dia	MTR.	36		

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11	23.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
	23.4.2	150 mm nominal size dia	Mtr.	9		
12	23.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	Cum.	3		
13	23.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hour	6		
14	23.13	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:				
	23.13.2	150 mm dia	Each	2		
15	23.14	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.				
	23.14.2	150 mm dia	Each	1		
16	23.15	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).				
	23.15.2	150 mm dia	Each	1		
		SH: 03 : Earth work				
17	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift jup to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				

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	2.8.1	All kinds of soil.	Cum.	11.23		
18	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	Cum.	11.23		
19	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	0.39		
		SH 04 : Concrete Works				
20	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.2	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum.	1.08		
21	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size).	Cum.	0.62		
22	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.11	1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size)	Cum.	0.74		
		SH 05 : RCC Works				
23	5.9	Centering and shuttering including strutting, propping etc. and removal of form for all heights:				
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete.	Sqm.	13.72		
24	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.				
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500 D or more.	Kg.	86.00		
		SH 06 : Brick Works				
25	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	3.52		
		SH 07 : Steel Work				
26	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	10.16.1	Hot finished welded type tubes	Kg.	388.80		
27	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg.	91.00		

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SH:- 08 : FLOORING						
28	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement , including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	Sqm.	3.24		
SH 09 : Roofing.						
29	12.50	Providing and fixing precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %), total coated thickness with zinc coating 120 gm per sqm as per IS:277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm.	5.76		
SH 10 : Finishing						
30	13.4	12 mm cement plaster of mix :				
	13.4.2	1:6 (1 cement: 6 coarse sand)	Sqm.	6.92		
31	NSI	Providing and fixing Impulse Brass Water Sprinkler with 4 wheel Stand all complete. As per direction of engineer encharge.	Each	4		
32	NSI	Providing and fixing Flexzilla Garden Hose Reels 1"/ 3/4"-100 Feet (30 M) Long with female Brass Connectors all complete. As per direction of engineer encharge.	Each (30 m Long set)	4		
33	NSI	Providing and fixing ISI marked Submersible water Pump (3 Phase 3 HP 6 Stages Submersible Pumps- KS6B-0306, Rating Voltage-440V, Phase-3, Rating Power-3 HP and 2.2 kW, Head Range-55-24 Meter, Flow Range-60-270 LPM, Outlet Size-50 mm) make Crompton, CRI, Kirloskar or equivalent. As per direction of engineer encharge.	Each	1		

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34	DSR(E&M) 2018, 1.17	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
	1.17.22	4 x 4 sq. mm	Mtr.	50		
35	NSI	Garden Expandable Garden Hose -3/4"- 50 Feet Long - Extra Strong Stretch Material with Brass Connectors - Bonus 8 Way Spray Nozzle Included by Joeys Garden	Each (15 m Long set)	1		
36	NSI	Supplying and fixing 3 Phase Starter Pannel ISI marked reputed Brand. As per direction of engineer encharge.	Each	1		

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Scope of Work

1. Earth work excavation
2. PCC Work
3. Brick masonry work
4. Concrete Work
5. RCC Work
6. Steel Work
7. Filling of excavated earth and compaction
8. Flooring Work
9. Plaster of brick work
10. Water supply (GI Pipe Line)
11. Roofing Work
12. Masonry Chamber
13. Supplying and fixing of bought out items as per BOQ/SOQ.
14. Cleaning the site when handing over of all work complete.
15. Boring/drilling bore well
16. Installation of Submersible water Pump

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CONDITIONS

Name of Work: “Providing, fixing, Installation & Commissioning of Submersible Pump, Boring/drilling bore well, GI Pipelines for Horticulture work and other Miscellaneous nature of works in HVC Residence cum camp office” of the University Campus at Panchanpur, Gaya, (Bihar)

1. All Fitting, Hardware, etc. shall be of locally available best Quality.
2. All materials to be used on the work shall be of reputed makes/ ISI marked, as per the sample approved by the Engineer In charge.
3. Time allowed for the work starts from the next day of issuance of order and the work will be completed within 01 month (One Month).
4. Construction water and electricity required for the work shall be available at site and provided free of cost at one source. The university shall deduct 1% of the Bill value towards above.
5. All taxes as applicable shall be deducted from the bills of contractors.
6. The contractor will have to get samples of the all fitting items, ISI Brand make gate valve & ball valve (brass) Zoloto make or equivalent and ISI marked brass bib cock (Make- Essco, Jainko, Jaquar or equivalent) and ISI marked GI Tee, GI Socket, GI Elbow, etc. (Make- 555, Sun, Hans etc.). and Tata/Jindal or equivalent make GI Pipes and ISI marked Submersible water Pump make Crompton, CRI, Kirloskar or equivalent approved by the officer-in-charge or his representative in writing before using them of the work.
7. The contractors can see the site of work before quoting their rates.
8. Before tendering / quotationing, the Bidder shall visit the site and satisfy himself as to the local conditions, the accessibility of the site of full extent and implication of the operation, the nature of the ground and supply conditions affecting labour and execution of the contract. No claim on these issues will be entertained.
9. Inconvenience of Public: The Contractor shall not deposit materials on any site which will cause inconvenience to the public. The contractor may require to remove any materials which are considered to be dangerous or inconvenient to the public or cause them to be removed, at the contractor's cost as per direction of officer-in-charge. Works must be executed as per prevailing rules norms and guidelines of all statutory authorities.
10. The work shall be carried out as per latest CPWD specifications with relevant IS codes for works at Gaya, with up to date correction slips unless otherwise specified in the nomenclature of the individual item of work.
11. In case of error in description of any DSR/NSI item given in the attached schedule, the description given in the CPWD schedule of rates 2016 shall be final & no claim on account of error shall be entertained.

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12. All existing services and will be kept by contractor in good order. Any damage to lawns, services, existing structure etc. during execution of work will have to be made good by the contractor at his own cost.
13. The contractor will co-operate with the other agencies working at the site/ or in the surrounding area.
14. The successful contractor or his representative should be made available at work site execution every day during the execution of the work who will receive day to day instructions from the officer-in-charge or his representative.
15. The contractor has to make his own arrangement of T&P required for execution of the work and no claim will be admissible on this account.
16. If applicable, the contractor shall obtain a valid license under the Contract Labour (R & A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986. The contractor shall also comply with the provisions of the building and the other construction workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996. Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work. No labour below the age of fourteen years shall be employed on the work.
17. Before commencement of the work, the contractor shall submit completion programme of the assigned work so as to inform the officer-in-charge of the University in advance. The work shall be executed without inconvenience to the beneficiaries.
18. In case the work site is not made available to the contractor according the programme, no claim will be admissible on this account.
19. The contractor shall have to get the site of work cleared during execution and / or on completion of work as per directions and to the satisfaction of officer-in-charge.
20. Variation in excess of the work shall not be allowed without prior approval of the competent authority. It shall be the responsibility of the contractor to ensure that cost of the work is not increased beyond the award value.

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21. The tender / quotation shall remain open for acceptance of the period of 15 days from the date of opening of tenders. If any Bidder withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which are not acceptable to the University, then the University without prejudice to any right or remedy be at liberty to forfeit the earnest money, if applicable.
22. Conditional tenders/ quotations will not be accepted and will be rejected Outright.
23. The acceptance of the tender / quotation will be the university authorities who do not bind themselves to accept the lowest tender. The University authorities reserve the right to reject any or all the tenders without assigning any reason.
24. The work is to be executed as per layout given by the Engineer -in-charge and the contractor shall restrict the work accordingly.
25. If the contract has not carried out the work as per the CPWD manual no claim of payment is acceptable by the University authority.
26. At the time of billing the contractor will have to submit an Affidavit \ undertaking regarding payment of labour has been done after the completion of work.
27. The Contractor shall be fully responsible for the safe custody and proper storage of material at site to the satisfactions of the officer-in-Charge for which nothing extra will be paid.
28. The rate should be quoted after visiting the site, otherwise it will assumed that rates are quoted after visiting the site.
29. The rates should inclusive of all taxes, Loyalties etc. if any. GST, if applicable shall be reimbursed separately.
30. All material and workmanship required under scope shall be as per best engineering practices and in commensurate with available material at stockyard. If deemed essential, the University reserve right to get the material tested in any Government approved Laboratory. The University shall bear cost of such testing and contractor shall arrange specimen for testing without any extra cost.

Registrar

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Performance Guarantee

1. The contractor shall submit an irrevocable PERFORMANCE BANK GUARANTEE of 10% (Ten percent) of the tendered amount calculated in term, in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and without prejudice to any other provision in the contract) within 15 days of issue of letter of intent. This period can be further extended by the Vice Chancellor upto a maximum period of 7 days on written request of the contractor stating the reason for delays in procuring the Bank Guarantee, to the satisfaction. **This Performance Bank Guarantee will remain valid & deposited with Central University of South Bihar till the defect liability period plus sixty days of the work is over.** This guarantee shall be in the form of Government Security or fixed deposit receipts/Guarantee Bonds issued by National Bank, in accordance with and as per prescribed format. In case a fixed deposit receipt of any Bank is furnished by the contractor to the as part of the Performance Bank Guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Central University of South Bihar, to make good the deficit.

2. A letter of intent shall be issued in the first instance informing the successful tenderer of the decision of the competent authority to accept his tender and the award letter shall be issued only after the Performance Bank Guarantee in the prescribed form is received. In case of failure by the contractor to furnish the Performance Bank Guarantee within the specified period, the Central University of South Bihar, shall without prejudice to any right or remedy available in law, be at liberty to forfeit the earnest money absolutely.

3. The Performance Bank Guarantee shall be initially valid for three months. In case the time for completion of supply and Installation gets enlarged, the contractor shall get the validity of Performance Bank Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for supply and Installation by the competent authority and acceptance of Supply and Installation by the Expert Committee, whichever is later, the Performance Bank Guarantee shall be returned to the contractor without any interest.

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4. The Central University of South Bihar shall not make a claim under the Performance Bank Guarantee except for amounts to which the Central University of South Bihar is entitled under the contract (notwithstanding and without prejudice to any other provisions in the contract agreement) in the event of :-
 - (a) Failure by the contractor to extend the validity of the Performance Bank Guarantee as described herein above, in which event the Central University of South Bihar, may claim the full amount of the Performance Bank Guarantee.
 - (b) Failure by the contractor to pay the Central University of South Bihar, any amount due, either as agreed by the contractor or determined under any of the Clauses/Condition of the agreement, within 30 days of the service of notice to this effect by the Central University of South Bihar.
5. In the event of the contract being determined or rescinded under provision of any of the clause/condition of the agreement, the Performance Bank Guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Central University of South Bihar.

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