



UNIVERSITY OF HYDERABAD

{Established by the act of Parliament in 1974}

University Works Department,
University of Hyderabad,
Gachibowli,
P.O. Central University,
HYDERABAD – 500 046.

Dated: 06.02.2020

No. UH/Engg/NIQ/2019-20/

NOTICE INVITING QUOTATION

Bids are invited from the registered Contractors / Engineering firms for the following work
Quotations at University of Hyderabad Campus.

Sl. No.	Name of the work	Estimated Cost Rs.	D.D. should be drawn in favour of Finance Officer UoH. EMD Rs.	Time for Completion of the work
1	"Drilling of 1 No. bore well at C-type Quarters park" in UoH Campus.	Rs.2,54,032/-	Rs.5,081/-	03 weeks

NOTE:- The contractors / bidders are requested to download the general conditions and eligibility criteria for submission of quotation document from the University website from 06.02.2020 and submit under envelop system. The submission and opening of quotation details as follows.

- a) Date of submission of Quotations : 13.02.2020 up to 2.30 P.M.
b) Date of opening of Quotations : 13.02.2020 at 3.00 P.M.

Sd/-
UNIVERSITY ENGINEER

Sd/-
EXECUTIVE ENGINEER

General Conditions & Eligibility Criteria for Submission of Quotation:

1. (a) The contractor should have experience in drilling of bore wells in State /Central Government /undertakings/MNCs and submit proof thereof.
2. The copies of relevant certificates of Income tax/IT returns, PAN card, GST registered certificate. Should sign all the pages of quotations without fail.
3. All Electrical works shall be got done through a electrical license holder.
4. The Contractors are requested to draw demand draft towards EMD separately as per the work wise drawn in favour of Finance Officer, University of Hyderabad payable at Hyderabad.
5. Statutory taxes/Deductions shall be made as per rules.
6. The competent authority on behalf of the University of Hyderabad does not bind itself to accept the lowest or any other quotation and reserves to itself the authority to reject any or all the quotations received without the assignment of any reason. All quotations in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
7. Work to be carried out in the presence under supervision of UWD.
8. The site shall be made available as and when required for execution of work.
9. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the quotations submitted by the contractors who resort to canvassing will be liable to rejection.
10. The contractor should abide by the Labour Laws, Minimum Wages Act & Workmen's compensation Act.
11. This work order can be cancelled and the work can be stopped at any time by the Officer-in- charge of the work or by any officer superior to him in authority.
12. The work shall be done as per CPWD specifications and as directed by the University Engineer from time to time.
13. If water is supplied by the University 1 % of the actual cost of water consuming items will be recovered from the bills for work done if University provides water.
14. Seigniorage charges will be deducted from the bill as per the stipulated rates communicated by the Govt. from time to time.

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- 15 The contractor shall permit the University at the time of making intermediate payment(s) to **deduct 10% of the value of the work billed for towards Security Deposit**. The EMD becomes part of Security Deposit. The deposit is liable to be forfeited to the University for Non-rectification of defects pointed out to him during the execution of the work/Defect Liability Period.
- 16 Defect liability period of **Six (06) Months** commences from the date of satisfactory completion of the work.
- 17 For delay or slow progress of work the relevant clauses of CPWD manual will be invoked and penalty will be levied. If work is delayed the University reserves right to foreclose rescind the work, without risk and cost and get the balance work done departmentally through any other contractor, and the contractor shall have no right to claim any compensation on this account.
- 18 In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work, either party may close the contract. In such eventuality, the Earnest Money Deposit of the contractor shall be refunded, but no payment on account of interest, loss of profit or damages etc. shall be payable at all.
- 19 The Contractor should ensure while executing the work that there should be no deviation beyond permissible limit & variation.
- 20 The work of each item to be executed in consultation with the user Department.
- 21 In case of execution of any extra / alternation / changes, the total amount may not exceed sanctioned amount; if it exceeds the prior approval may be taken from the User Department and Competent Authority.
- 22 Assistant Engineer (Civil)/Assistant Engineer (Electrical) has to enclose the work completion certificate and **No claim certificate** from the contractor along with the final bill.
- 23 Work satisfactory certificate from user department and or Engineer in charge may be obtained before submission of bills for payment.
- 24 Further details can be had from the Office of the University Engineer, University of Hyderabad, Hyderabad-5000 046 during working hours.
- 25 GST invoice form should be filled and submitted along with the bill.
- 26 The Labour engaged and working equipment brought by the contractor for the work shall be recorded in the UoH Security main gate before entering in to the premises and obtain necessary gate pass.

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Special Conditions for Bore Well Work:

- 1 Drilling operations shall be started and carried out in the presence of JE/AE/EE.
- 2 All the casings are to be placed in position in presence of JE/AE/EE. Casings are to be considered as hidden items as per CPWD, Manual all to be certified by competent authority.
- 3 After completion of drilling up to the reaching of Acquifer, further drilling as ordered by Engineer-In-Charge shall be carried out. The water discharge shall be measured using a V-notch.
- 4 The contractor should get the withdrawal of bore-rings in presence of JE/AE/EE and UE. The number of length of drilling Rods shall be counted to arrive at the depth of drilling.
- 5 Drilling should be carried out as such timings are not to cause in-convenience to the surrounding resident's / students.
- 6 The submersible pumps along with HDPE pipe, cable, power cable etc., should be dropped in the bore well in the presence of JE/AE/EE/and UE.
- 7 The pipe line from Bore well to the UG Sump, power shown by AE(E)-I & AE (E)-II G.L with power concrete benching /launching as per CPWD specifications mentioned in the item.
- 8 Armoured power cable shall be drawn from the LT panel shown by AE (E)-I &AE (E)-II. Armoured cable shall be laid below G.L as per specification and route Markers of LT cable shall be shown along the cable path by proper embedding.
- 9 The inter connections are to be made as directed by AE(E)-I or AE(E)-II as required.

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LIST SHOWING PREFERRED BRANDS/MANUFACTURERS/MAKE

NOTE: - 1) A List of Preferred Brand Names of Various Materials / Products are shown below for usage in execution of Work. However, Approved equivalent material of any other Specialized Companies / Firms may also be used , in case it is established that the Brands Specified below are not available in the market and subject to Approval of the alternate Brand by the Engineer In charge.

2) It must be ensured, in general, that all materials to be used in the works shall bear BIS Certification mark. In cases where for a particular material/product, BIS Certification Mark is not available, then the material proposed to be procured can be used subject to the condition that it should conform to CPWD Specifications and relevant BIS codes. In such cases written approval of the Engineer-in -Charge shall be obtained before use of such material in their works.

3) The list given below does not absolve the Executing Agency from their responsibility for using these products. It is only after, they are satisfied about the quality and performance, the products shall be used. To achieve this, proper check on the quality of the product, actually to be used, should be exercised.

S.No	Product	Make
1	Ordinary Portland Cement	ACC, Ultratech, Vikram, Shree Cement,
2	Portland Pozzolana Cement	Ambuja, Jaypee Cement, Century Cement, JK Cement, Penna Cement , Bharathi Cement, Maha , Nagarjuna and Brands Approved by CE(SZ)II,CPWD,Hyderabad.
3	White Cement	Birla, J.K. White, Travancore
4	Reinforcement steel – (Primary Producers)	RINL, SAIL, TATA STEEL Ltd., JSW STEEL Ltd., JINDAL STEEL & POWER Ltd., Shyam produced by M/s.Shyam Steel Industries Ltd and Manufacturers approved by Spl.DG(SR),CPWD,Chennai
5	Ready Mix Concrete (RMC)	Ultra Tech, ACC, RMC Ready Mix (India), Nuvoco Vistas Corporation Ltd., (formally known as Lafarge India Ltd.), RMC by M/s Aparna Enterprises limited,Hyderabad, RDC Concrete (India) Pvt. Ltd and additional firms approved by CE, SZ-II, CPWD, Hyderabad.
6	Pulverized Stone Sand/ Crushed Stone Sand (Manufactured Sand)	Rank Enterprises, Robo Sand.
7	Polymer based Curing Compounds	FOSROC, SIKA, BASF
8	Structural Steel Sections	TATA, SAIL,RINL, JINDAL Steel & Power Ltd., J SW
9	Hollow Steel Tube Sections	TATA, Jindal, Apollo
10	Fly ash Cement Bricks	KSP Industries, Prakash International Ltd, NUBRIC.

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11	Autoclaved Aerated Concrete Blocks (AAC)	M/s. Hyderabad Industries Ltd., M/s. Ultra Tech India Limited, M/s. Siporex India Ltd., NCL, NUBRIC.
12	Binding Wire	TATA, JSW
13	Factory Made Cement Concrete Cover Blocks	A.S.R. Cover Blocks, Stand alone Universal Concrete Cover Blocks
14	RCC Door Frames	Ventura, Bothra.
15	Flush Door Shutters	Raavela Doors, Indian Timber Products, Kitply,
16	Fire Check / Rated Doors	Navair, Godrej, Shaktimet, Kenwood, MPP Schodders.
17	Smoke Seal Strip	Promat, Astro flame
18	Plain / Prelaminated Particle Board	ECO Board, TESA Action Co., Kitlam, Archid ply, Century
19	Ply wood / Laminate	Kitply, Centuryply, Greenply, Merino, Sonear (Donear), Formica, Archidply, Royal touch .
20	Natural wood Veneers	Kitply, Centuryply, Sonear (Donear), Greenply Archidply, Durain, National Action Tesa, Anchor.
21	Adhesive / Glue	Pidilite, Dunlope, Sika, Fosroc, Vamorganic.
22	Steel Windows/ Pressed Steel Frames	Madhu Industries, (Bengaluru), San Harvic, NCL
23	Cement Bonded Particle Board	BISON Boards of NCL.
24	PVC Door Frames & Shutters	Rajshri Plastiwood, Sintex.
25	FRP Door Frames & Shutters	Meena Fibre Glass, Duroplast, Cactus, Polyline.
26	UPVC Windows	Fenesta, Kommerling , Rehau, Wintech, LG, Encraft – Madhu Industries, Polywood.
27	Ceramic Floor /Dado Tiles	Somany, Johnson, Kajaria, Orient, Bell, RAK, Asian, NITCO, AGL tiles.
28	Vitrified Tiles	Somany, Johnson, Kajaria, Orient Bell Ltd, RAK, Vitero brand Aparna tiles
29	Precast Terrazo Tiles	NITCO, Hindustan, Modern
30	Precast Chequered Tiles	NITCO, Hindustan, INDO, Bharat, Poddar.
31	Non Metallic Floor Surface Hardners	Ironite, Hardonite, FOSROC, SIKA, BASF, CICO, Pidilite.
32	Precast Cement Concrete Tiles	NITCO, Hindustan, INDO, Ultra, NTC, Poddar.
33	Factory made Cement Concrete Interlocking Paver Blocks	Earth Pavers Hyd. Pvt. Ltd., NITCO (Rockard), Bharat (Nilsan), Classic Tiles.
34	Grass Paver	Unistone, Ultra.
35	Glass Mosaic Tiles	Palladio, Coral, Mridul, Bisazza

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36	PVC Flooring	LG Hausys, Ger Flor, Armstrong .
37	High Density Fibre (HDF) Pre-laminated Flooring boards	Pergo, Armstrong.
38	Unglazed Heavy Duty Vitrified Tiles	Somany (Dura Gres), Kajaria (Pavigres).
39	Unglazed Heavy Duty Paver/Parking Tiles	Somany (Dura Stone), Johnson (Endura),
40	Clay Tiles on Roof	Kenjai, Johnson, Common Wealth Trust (Ind) Ltd
41	Tile Adhesives	Laticrete, ,Ardex Endura, Weber, Roff. SIKA, Ferrous.
42	Grout Compound/ Epoxy Grouts	Laticrete, Ardex Endura, Weber, Fosroc, Pidilite, SIKA, Ferrous, BASF, CICO.
43	Epoxy Motor	Fosroc, SIKA, BASF
44	Water Proofing Compound	Fosroc, CICO, SIKA, Pidilite, , BASF, Accoproof, Ardex Endura.
45	Damp Proof Material	Duraseal, Acco-proof, Impermo
46	Actactic Polypropylene (APP) Modified Water Proof Membrane	S T P, Bitumat Co. Ltd., Pidilite, Hydrotech Ltd.
47	Admixtures / Platisizers	Fosroc, CICO, SIKA, BASF, MC
48	Ethylene Propylene Diene Monomer (EPDM) Gasket	Hanu /Anand
49	Aluminium Extruded sections	Jindal, Hindalco, Indian Aluminium Co.
50	Polyester Powder Coating	Nerolac, Berger, Akzonobel, Jotun
51	Poly Sulphide Sealant	Pidilite, Tuffseal, Choksey chemicals.
52	Cement Based Wall putty	Birla Wall Care, J.K. Wall putty, Berger Paints , Asian Paints.
53	Paints/ Primer / Acrylic Emulsion (Premium Quality)	ICI Dulux, Asian Paints, Berger, Nerolac .
54	Melamine Polish	Asian Paints, Melamyne Gold Wudfin of Pidilite Industries, Timbertone of ICI Dulux.
55	Water Proofing Cement Paint	Snowcem India, ICI Dulux, Berger, Asian.
56	PU Enamel Metallic Paints on MS Structure & Epoxy paints (Premium Quality)	SKK, Akzonobel, Asian, Berger, MRF.
57	Calcium Silicate False Ceiling Tiles	Aerolite Co, Hilux, Armstrong
58	Gypsum Board False Ceiling Tiles	Saint Gobain, Lafarge, Amstrong Co.
59	Mineral Fibre Board False Ceiling Tiles	Armstrong , Decosonic.
60	Rockwool / Glasswool insulation.	Twigafiber, Llyod Insulation, Supreme.
61	False Flooring System .	Kebao, Pinnacle, Access Floor System
62	Anodised / Powder Coated Aluminium Fittings / Fixtures-	Everite, Jyoti, Shakti, Sigma (BIS mark), Hardima.
63	Stainless Steel Pipes (Railing)	Jindal Stainless Steel Ltd., Connect Architectural Products Pvt. Ltd.

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64	Stainless Steel Wire Mesh	Champion Make, GKD.
65	Float / Plain / Tinted / Tempered / Toughened Glass.	Modi, Saint Gobain, Asahi, Atul, Glaverbel, Pilkington .
66	Mirror Glass.	Modi Guard, Atul, Asahi, Goldenfish.
67	Hydraulic Door Closers / Floor Springs	Godrej, Hardwyn, Everite, Dorma, Dorset, Magnum, Kich.
68	Steel Nuts, Bolts and Screws-	Atul, Hilti, Kundan, Priya .
69	Ball Bearing Hinges and Spring Hinges	Dorma, Hafele, Geze, Dorset, Magnum.
70	Stainless Steel Screws	Kundan, Arrow, Nettlefold, GWK.
71	Clamping System Using Dash / Anchor Fastners.	Hilti, Fischer, Bosch, Canon.
72	Locks in Furniture Cabinets.	Hettich, Blum, Hafele, Godrej, Link, Harrison.
73	Four Point / Multi Point Locking Handle.	Hafele, Alu-Alfa, Geze, Dorma, Godrej .
74	Stainless Steel Friction stay hinges	Hafele, Earl Bihari
75	Door closer lock / Panic exit device	Ingersoll Rand, Dorma, Monarch.
76	Door Coordinator	UL Listed, Monarch.
77	Precoated Galvalume Iron Profile Sheets.	Pennar, TATA Blue scope, NCL.
78	Multi Walled PolyCarbonate Roofing Sheets	Lexan, GE
79	Bitumen	Indian Oil, Hindustan Petroleum Corporation.
80	Aluminium Composite Panels (ACP)	Alstrong, Alucobond, Aluplex, Alubond.
81	Structural Glazing	Modi, Saint Gobain, Asahi, Glaverbel.
82	Structural and Weather Sealants (Silicon)	Dow Corning, Wacker., GE, BASF
83	Adhesive Tape	Norton
84	Spider Patch Fittings for Structural Glazing	Dorma, Sevax, Kich, Ozone, Hafele.
85	G.I. Pipes -	TATA, Jindal, Zenith, Hissar .
86	G.I. Fittings	HB, R Brand, Unik, ICS.
87	Gun Metal Valves / Non Return Valves	Zoloto, Leader, Sant.
88	C.I. Sluice Valves (Double Flanged)	Zoloto, Leader, SANT, Kirloskar, IVC, Burn.
89	PTMT fittings/ fixtures	Prayag, Shakti, pearl.
90	C.P. Brass fittings/ fixtures	Jaquar , Marc, Plumber, ESS ESS, TOTO, Parko, Nova , Grohe.
91	C.P.V.C pipes & specials	Supreme , Prince , Sudhakar, Ashirvad, Astral,, Finolex, Flowguard.
92	uPVC Pipes & Fittings.	Supreme , Prince , Sudhakar, Ashirvad, Astral,, Finolex.
93	Poly Propylene Random Co polymer (PPR) Pipes & Specials	SFMC, Victus, Supreme , Prince.

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94	Centrifugally Cast (spun) Pipes & Fittings (Sanitary Pipes)/ Centrifugally Cast iron hub less pipes	NECO , HEPCO, SKF, Bengal Iron Corporation (BIC) / NECO, kepsilan
95	Centrifugally Cast (spun) Pipes (LA) & Fittings (Water Supply Pipes) /	Electro steel, Kesoram, LANCO Industries, RIF, NECO./ NECO, kepsilan
96	Vitreous China Sanitary ware	Parryware, Neycer, Hindware, Cera, Jaquar, TOTO, Duravit.
97	Stainless Steel Sinks	Nirali, Kaff, Hindware, Johnson, Signature, Neelkanth, Cobra, Diamond.
98	Fire Clay Sinks	Sunfire, Parryware, Hindware.
99	Sensor Based Auto Flush Systems	A O S Systems, TOTO, Parryware, Hindware, Grohe, Kochler.
100	PVC Water Storage Tanks	Sintex, Uniplast, Durocon, Polycon, Supreme.
101	Float Valve (Ball Valve)	Prayag, Leader, Zoloto, IBP, Arco.
102	Water Meter	Zoloto, Leader, Dashmesh.
103	RCC Non Pressure (NP-2) Pipes -	Indo., Hindustan, Balaji Pipe Industries, Indian Hume Pipes Ltd.
104	Factory Made SFRC (RCC) Manhole Covers	Indo, Balaji Pipe Industries, Supreme.
105	CI Manhole Covers	SKF, HIF, Neco, Bengal Iron Corporation (BIC).
106	Coupler for reinforcement bars	LOKPAL Industries – Noida, Shree ISPAT Traders – Jaipur, Trimurthi Engg. & Fab Works – Nagpur, National cutting Tools Sai Couplings – Pune, SPROCS Rebar Couplings Kanva Trading – Chennai.

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S.No	Product	Make
1	Wires (PVC Insulated copper conductor cable FRLS-ISI marked)/Telephone cables/Submersible cables/ Co-axial/ TV cables	<ul style="list-style-type: none"> • Havells • Anchor • Finolex • Polycab • L&T • Standard/ C & S
2	PVC Conduits 9ISI marked) (Color of conduit: Ivory)	<ul style="list-style-type: none"> • Avon plast • Precision • AKG • NANDI • Universal • Sudhakar
3	Steel Conduit (ISI marked)	<ul style="list-style-type: none"> • BEC • Bharat • Gupta
4	MCBs/RCBO	<ul style="list-style-type: none"> • Legrand:DX3 • Schneider Electric:ACT19 • Hager:NOVELLO PLUS • L&T:EXORA • C & S • Havells
5	MCB DBs/Industrial Socket outlets	<ul style="list-style-type: none"> • Legrand • Schneider Electric • Hager • L&T:EXORA • L & T • C & S • Havells
6	MCCBs	<ul style="list-style-type: none"> • Legrand:DX3 • Schneider Electric • Hager:NOVELLO PLUS • L&T:EXORA • C & S • Havells
7	Cat-6A LAN cable	<ul style="list-style-type: none"> • Legrand • Finolex • Systemax • D.link
8	Modular Switches/Socket/ TV Socket/ telephone sockets/Data Sockets/Electronic regulators/AC Starter Switch etc.,	<ul style="list-style-type: none"> • Legrand (Myrius) • MK (Blenze plus) • Panasonic (Vision) • Wipro: Northwest:Stylus+ • Havells (Crabtree)/Anchor Roma
9	Celing rose	<ul style="list-style-type: none"> • Antex • Leader • Emperor • Anchor

10	PVC batten/Angle holders	<ul style="list-style-type: none"> • Aristo • Havells • Finolex • Standard • Roma
11	Exhaust fans	Bajaj/ Crompton/Usha / Havells/Orient
A)	225 mm (metal body) to 450 mm (metal body)	<ul style="list-style-type: none"> • Havells: Ventil Air DX • Crompton greaves:Trans air 9” • Orient: Air flow 9” • Usha • Almonard
B)	300 mm (HD)	<ul style="list-style-type: none"> • Crompton Greaves • Orient • Usha • Almonard
12	Fans	
A)	1200 mm sweep 5-Star rated BLDC fans	<ul style="list-style-type: none"> • Orient • Crompton • Havells/Bajai/Usha
B)	400 mm Wall mounted fan	<ul style="list-style-type: none"> • Usha : Helix • Crompton: WM wind flo (Hi-Speed) • Orient: wind pro.high velocity • Almonard
13	LED	<ul style="list-style-type: none"> • Philips/Wipro/Crompton/Havells
14	Rising Mains, End Fedd Unit & Tap off box	<ul style="list-style-type: none"> • L & T • Schneider • Legrand • Control & Switch • GE • C & S
15	Openwell mono block submersible	<ul style="list-style-type: none"> • Grundfos • KSB/Crompton/Kirloskar/ABB
16	Aluminium conductor PVC insulated armoured UG Cables	<ul style="list-style-type: none"> • Polycab/Finolex/Gloster

Name of work:" Drilling of 1 No. bore well at C-type Quarters park" in UoH Campus.

- 1) Item No.1 to 9 are Drilling of bore well items. Estimate for these items are based on Market rates exclusive of GST. GST will be Quoted separately for item no.1 to 9.
- 2) Items No. 10 to 15 are Civil/water supply/Electrical items. Estimate for Civil items are based on DSR 2018 which are inclusive of GST. GST need not to be Quoted separately for item No. 10 to 15.

SCHEDULE OF QUANTITIES

S.No	D.S.R.No.	Description of item	Qty	Unit	Rate in figures & Rate in words	Amount
1	MR	Digging of bore well of 6 ^{1/2} dia with Hydraulic Rig vertically in the ground			Figure: Rs _____ Words: Rupees _____	
	a)	1 Feet to 100 Feets (2x 100')	100.00	per feet	_____	
	b)	101 Feet to 200 Feets (2x 100')	100.00	per feet	Figure: Rs _____ Words: Rupees _____	
	c)	201 Feet to 300 Feets(2x 100')	100.00	per feet	Figure: Rs _____ Words: Rupees _____	
	d)	301 Feet to 400 Feets (2x 100')	100.00	per feet	Figure: Rs _____ Words: Rupees _____	

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	e)	401 Feet to 500 Feet (2x 100')	100.00 feets	per feet	Figure: Rs _____ Words: Rupees _____ _____ _____
	f)	501 Feet to 600 Feet (2x 100')	100.00 feets	per feet	Figure: Rs _____ Words: Rupees _____ _____ _____
	g)	601 Feet to 700 Feet (2x 100')	100.00 feets	per feet	Figure: Rs _____ Words: Rupees _____ _____ _____
	h)	Transport & Labour Charges	1.00 job	job	Figure: Rs _____ Words: Rupees _____ _____ _____
2	MR	Supply and fixing of PVC casing of 7" dia 6 1/2" Bore well Make: Sudhakar / Nandi	50.00 feets	per feet	Figure: Rs _____ Words: Rupees _____ _____ _____
3	MR	Supply and fixing of PVC casing of 10" dia 6 1/2" Bore well Make: Sudhakar / Nandi	10.00 feets	per feet	Figure: Rs _____ Words: Rupees _____ _____ _____

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4	MR	Supply and fixing of HDPE pipe of 50mm dia for bore well pump set tube well including all accessories etc., complete as required. Make: Sudhkar / Nandi	200.00 meters	rmt	Figure: Rs _____ Words: Rupees _____ _____ _____
5	MR	Supply and fixing of 3 Core X 4 Sqmm under water 3 core cable for submersible pump set including jointing and connections sq.cable. Make: Polycab/Finolex/Gloster	200.00 meters	rmt	Figure: Rs _____ Words: Rupees _____ _____ _____
6	MR	Supply and fixing of 5 HP, capacity 27 stages 3 phases submersible pump and motor of 6" inches dia complete as required. Make: CRI/ Crompton/ Texmo /Kirloskar	1.00 no.	each	Figure: Rs _____ Words: Rupees _____ _____ _____
7	MR	Supply and fixing of motor starter of 5 HP capacity, relay range from 6-14 amps (L&T/ Siemens/ C&S)	1.00 no.	each	Figure: Rs _____ Words: Rupees _____ _____ _____
8	MR	Supply and fixing of Starter panel box with MCB & locking arrangement etc as required	1.00 no.	each	Figure: Rs _____ Words: Rupees _____ _____ _____
9	MR	Supply of 4 coreX 10 sqmm Aluminium conductor PVC insulated armoured UG cable Make: Polycab/Finolex/ Gloster	150.00 meters	rmt	Figure: Rs _____ Words: Rupees _____ _____ _____

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10	7.4	Laying of PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, including protective devices etc complete.			Figure: Rs _____ Words: Rupees _____ _____ _____
	7.4.1	Upto 35 sq. mm	150.00	rmt	
11	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 :			Figure: Rs _____ Words: Rupees _____ _____ _____
	18.13.1	25 to 40 mm nominal bore	2.00	each	
12	18.19	Providing and fixing gun metal non- return valve of approved quality (screwed end) :			Figure: Rs _____ Words: Rupees _____ _____ _____
	18.19.3	40 mm nominal bore	1.00		
	18.19.3.2	Vertical	no.	each	
13	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :			Figure: Rs _____ Words: Rupees _____ _____ _____
	18.17.3	40 mm nominal bore Make: Zoloto / HB	2.00	nos.	each
14	2.20.	Supplying and fixing 30 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 30 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. (Make: L&T/Legrand/ Havells/ Anchor)			Figure: Rs _____ Words: Rupees _____ _____ _____
			1.00	no.	each

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15	MR	Ground water investigation point (one point)	1.00 point	point	Figure: Rs _____ Words: Rupees _____ _____ _____	
					Total Amount in figures Rs.	
		Less Rebate Offered if any _____ Add GST on Item No. 1 to 9 Electrical items _____ Net Amount _____ Total Amount in words(Including GST) _____				
1) Item No.1 to 9 are Drilling of bore well items. Estimate for these items are based on Market rates exclusive of GST. GST will be Quoted separately for item no.1 to 9. 2) Items No. 10 to 15 are Civil/water supply/Electrical items. Estimate for Civil items are based on DSR 2018 which are inclusive of GST. GST need not to be Quoted separately for item No. 10 to 15.						

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