

REPORT TO ACCOMPANY ESTIMATE
Drilling of bore well and construction of water storage sump at 132KV SS Kondamallepally



ABSTRACT ESTIMATE
(ALL FINANCIAL FIGURES IN RUPEES)

Name of the Work: Drilling of bore well and construction o.
Maintenance Order No & Created Date: 900009177 & 22.04.2026.

Sl. No.	Particulars	Base Cost (Excl. GST)	GST	Total Cost (Incl. GST)
1.	Material Portion			
	Non-Stock - Supplied against contract			
(a)	Electrical	0.00	0.00	0.00
(b)	Telecom	0.00	0.00	0.00
	Material Portion (Stock - Supplied by TGTRANSCO)			
(c)	Electrical	0.00	0.00	0.00
(d)	Telecom	0.00	0.00	0.00
(e)	Total Material Portion 1(a) + 1(b) + 1(c) + 1(d)	0.00	0.00	0.00
2.	Erection Portion			
(a)	Electrical	0.00	0.00	0.00
(b)	Telecom	0.00	0.00	0.00
(c)	Civil	445,383.30	80,169.00	525,552.30
(d)	Corpus Fund @ 0.1%	439.60	N/A	439.60
(e)	Total Labour Portion 2(a) + 2(b) + 2(c)+2(d)	445,822.90	80,169.00	525,991.90
3.	Project Insurance @ 0.5% of 1(e) + 2(e)	0.00	0.00	0.00
4.	Base Estimated Cost 1(e) + 2 (e) + 3	445,822.90	80,169.00	525,991.90
5.	Provisions:			
a)	Spares @ 3% on 1(e)	0.00	0.00	0.00
b)	Contingencies @ 3% of (4)	0.00	0.00	0.00
c)	Estt. & Overhead Charges @ 10.75% of (4)	0.00	0.00	0.00
d)	Total of Provisions	0.00	0.00	0.00
6.	TOTAL ESTIMATE VALUE(4 + 5(d))	445,822.90	80,169.00	525,991.90

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Name of the work	: Drilling of bore well and construction o	Total Non Stock Material Value	: 0.00
Maintenance Order No.(PMO)& Date	: 900009177/22.04.2026	Total Labour Portion Value	: 445,383.30
PM Order Status	: REL-Released/Approved at all levels/Work execution is in progress.	Estimated Contract Value	: 445,383.30
Type of Sanction	: EST(ESTIMAT(TOO No.229/2010))	Total Stock Material Value	: 0.00
Reservation No. / PR No.	: 209647 / 1200008887	Total Estimate Cost (Excl. Taxes)	: 445,383.30
PMO Created By	: EE/CIVIL/CONST/RURAL-I(NL (EECIVC2RUZ)	Total Tax (GST + Others)	: 80,608.60
Functional Location	: 132/33 KV SS KONDAMALLE PALLY(K.M.PALLY)	Total Estimate Cost (Incl. Taxes)	: 525,991.90
WBS Element	: R-24-01.06.03.01	Credits(Scrap/Leftover Material/Removed Equipment)	: 0.00
		Procurement Type	: Non-Turnkey

(ALL FINANCIAL FIGURES IN RUPEES)

WORKS TO BE EXECUTED BY THE CONTRACTOR													
Item No/ Sub-Item.	Service Code	Service Description	HSN Code	Qty.	UoM	Rate/Unit (Incl. Spl. Cond.)	Price Unit	Total Base Value (Incl. Spl. Cond.)	GST Rate	Total GST	Corpus Fund @0.1%	Total Tax Portion (GST + Others)	Total Amount (Rs.)
A	B	C	D	E	F	G	H	I = (E * G) / H	J	K = I * J	L = I * 0.1%	M = K + L	N = I + M
1	Borewell & Sump @ 132KVSS KMpally												
1/1	SM00050	Job Work For Geologist Charges For Site Investigation For Locating Bore Well Points	995429	1.000	NO	7,500.00	1	7,500.00	18%	1,350.00	7.50	1,357.50	8,857.50
1/2	SM00051	Drilling Of Bore Well By Down The Hole Hammer (dth) Drilling To The Finished Diameter Of163 Mm (6 1/2") In All Formations To The Depth As Specified And Remaining The Bore ToThe Required Dia, Flushing The Bore Walls At An Average Pressure Of 7 Kg/sqcm(100 Psi),Conducting Yield Test, Inclusive Of Transportation From Point To Point , Crew Charges,Consumables , Shifting Of Ring And All Other Charges Etc., Complete. The Bore WellShould Be True & Vertical And Work Should Be Carried Out To The Amendments If Any FromTime Etc., Complete As Per The Directions Of The Engineer In Charge For The FinishedItem Of Work. - Upto A Depth Of 90 Rm	995429	90.000	RMT	424.00	1	38,160.00	18%	6,868.80	38.16	6,906.96	45,066.96



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A	B	C	D	E	F	G	H	I = (E * G) / H	J	K = I * J	L = I * 0.1%	M = K + L	N = I + M
1/3	SM00052	Drilling Of Bore Well By Down The Hole Hammer (dth) Drilling To The Finished Diameter Of 163 Mm (6 1/2") In All Formations To The Depth As Specified And Remaining The Bore To The Required Dia, Flushing The Bore Walls At An Average Pressure Of 7 Kg/sqcm(100 Psi), Conducting Yield Test, Inclusive Of Transportation From Point To Point , Crew Charges, Consumables , Shifting Of Ring And All Other Charges Etc., Complete. The Bore Well Should Be True & Vertical And Work Should Be Carried Out To The Amendments If Any From Time Etc., Complete As Per The Directions Of The Engineer In Charge For The Finished Item Of Work. - To A Depth Beyond 90m To Any Depth	995429	90.000	RMT	466.40	1	41,976.00	18%	7,555.68	41.98	7,597.66	49,573.66
1/4	SM00054	Supply & Fixing Of 180 Mm Dia 6 Kg/cm2 Pvc Casing Pipes Of Supreme/apl Apollo/ Ashirvad/Birla Aerocon Make For Bore Wells For Potable Water Supply Conforming To Is 12818-1992 As Amended From Time To Time Including Transportation, Qc Inspection Etc., Complete As Per The Directions Of The Engineer In Charge For The Finished Item Of Work	995429	20.000	RMT	715.30	1	14,306.00	18%	2,575.08	14.31	2,589.39	16,895.39
1/5	SM00788	Supplying And Fixing 34.9 Mm Od CpvC Pipes Of Sdr 13.50 Of Premium Make Supreme/ Prince/Astral/ Birla Aerocon Including The Cost Of Pipe, Required Number Of Connectors Such As Elbows, Tees, Couplers, Connectors, Solvent Cement Etc., And Labour Charges Complete Including Cost And Conveyance Of All Materials To Site, All Operational, Incidental ,Labour Charges, Etc. Complete For Finished Item Of Work As Directed By Engineer-in-charge.	995429	60.000	RMT	667.24	1	40,034.40	18%	7,206.19	40.03	7,246.22	47,280.62
1/6	SM00787	Supplying And Fixing 28.6 Mm Od CpvC Pipes Of Sdr 13.50 Of Premium Make Supreme/ Prince/Astral/ Birla Aerocon Including The Cost Of Pipe, Required Number Of Connectors Such As Elbows, Tees, Couplers, Connectors, Solvent Cement Etc., And Labour Charges Complete Including Cost And Conveyance Of All Materials To Site, All Operational, Incidental ,Labour Charges, Etc. Complete For Finished Item Of Work As Directed By Engineer-in-charge.	995429	60.000	RMT	440.35	1	26,421.00	18%	4,755.78	26.42	4,782.20	31,203.20



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A	B	C	D	E	F	G	H	I = (E * G) / H	J	K = I * J	L = I * 0.1%	M = K + L	N = I + M
1/7	SM00205	Providing And Fixing In Position At All Levels Of The Buildings 32mm Nominal BoreBronze Gate (gm Peet) Valve / Globe (tata/zenith Make)as Per Is-778 Class- 1, IndianMake Heavy Type For Water Services With Hand Wheel At All Elevations For FollowingSizes Including Jointing Complete As Per The Directions Of The Engineer In Charge ForThe Finished Item Of Work.	995429	2.000	EA	2,369.42	1	4,738.84	18%	852.99	4.74	857.73	5,596.57
1/8	SM00206	Providing And Fixing In Position At All Levels Of The Buildings 25mm Nominal BoreBronze Gate (gm Peet) Valve / Globe (tata/zenith Make)as Per Is-778 Class- 1, IndianMake Heavy Type For Water Services With Hand Wheel At All Elevations For FollowingSizes Including Jointing Complete As Per The Directions Of The Engineer In Charge ForThe Finished Item Of Work.	995429	2.000	EA	1,560.24	1	3,120.48	18%	561.69	3.12	564.81	3,685.29
1/9	SM00056	Supplying & Fixing 1 1/4" (32 Mm) Dia Hdpe Pipe (12.5kg/sqcm) Pe-100 Grade Of ApprovedQuality & Make Including Nipples, Bends, Couplings Etc., Complete For Finished Item OfWork From Bore Well To Delivery Including Cost & Conveyance Of All Materials,Specials/fixtures And Fittings Labour Charges, Leads, And Lifts Complete As Per TheDirections Of The Engineer In Charge For The Finished Item Of Work.	995429	180.000	RMT	118.47	1	21,324.60	18%	3,838.43	21.32	3,859.75	25,184.35
1/10	SM00057	Supply And Fixing Of Ms Bore Cover Duly Painted Suitable For 8" Dia Casing PipeIncluding Cost & Conveyance Of All Materials And Fittings And Leads Complete As Per TheDirections Of The Engineer In Charge For The Finished Item Of Work.	995429	1.000	NO	190.00	1	190.00	18%	34.20	0.19	34.39	224.39
1/11	SM00058	Supply And Fixing Of Ms Clamps Cover Suitable For 1/4" Dia Gi Pipe Including Cost &Conveyance Of All Materials And Fittings And Leads Complete As Per The Directions OfThe Engineer In Charge For The Finished Item Of Work.	995429	2.000	NO	150.00	1	300.00	18%	54.00	0.30	54.30	354.30
1/12	SM00059	Supplying & Fixing Of 3 Core 2.5 Sqmm Pvc Insulated And Frls Round Sheathed Multi CoreCopper Cable Of Finolex / Polycab /gold Medal Make And As Approved By The Engineer InCharge For Submergible Motor Including Cost & Conveyance Of All Materials, LabourCharges, Leads Complete As Per The Directions Of The Engineer In Charge For TheFinished Item Of Work.	995429	250.000	RMT	174.35	1	43,587.50	18%	7,845.75	43.59	7,889.34	51,476.84



WORKS TO BE EXECUTED BY THE CONTRACTOR

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A	B	C	D	E	F	G	H	I = (E * G) / H	J	K = I * J	L = I * 0.1%	M = K + L	N = I + M
1/13	SM00060	Supplying & Fixing Of Star Rated 3 Phase 3hp 30 To 35 Stage Isi Submersible MotorPumpset (crompton Greaves/texmo Make) For 6" Bore Well Alongwith Control Panel ForThree Phase Submersible Motors Up To 5 Hp @ 415v 50hz Operating Fitted With Supply AndFixing Of Direct - On - Line Ltlk /bch/ Siemens / Crompton Make, 0-500v Volt Meter And-30a Ammeter, Indication Lamps, Selector Switches, Cts, 32a Tp Mcb, Single PhasePreventor,suitable Contactor To With Stand Low Voltage Pick Up And High VoltageResistant, With Isi Marked Capacitors Assembled With Isi Mark Contactors And Fitted WithLegrand Make Isi Mark Mcb Etc., Including Cost & Conveyance Of All Materials, LabourCharges, Etc., Complete As Per The Directions Of The Engineer In Charge For TheFinished Item Of Work.	995429	1.000	NO	66,891.35	1	66,891.35	18%	12,040.44	66.89	12,107.33	78,998.68
1/14	SM01004	Earthwork Excavation In All Types Of Soils (upto Stone Matrix) Which Can Be ExcavatedIn Combination Of Mechanically And Manually With Pick Axe And Crow Bars And Do NotRequire Blasting In All Conditions Such As Dry, Wet, Slushy Etc., Covering Initial LeadAnd Lift Etc., And Backfilling The Foundations (after Laying Foundations) With ExcavatedEarth Including Watering, Compacting As Per Standard Specification And Disposing OfSurplus Earth Within Site (up To 1km Lead) Complete As Per Directions Of Engineer InCharge At Site For Finished Item Of Work.	995429	40.000	M3	170.44	1	6,817.60	18%	1,227.17	6.82	1,233.99	8,051.59
1/15	SM00011	Laying Of Cement Concrete (1:4:8) Mix Using 40mm Size Hbg Metal Machine Crushed ForFoundations Including Cost And Conveyance Of All Materials At All Leads And Lifts,Ramming, Consolidating, Curing Etc,complete. For Finished Item Of Work As Per DirectionsOf The Engineer-in-charge.	995429	2.000	M3	4,430.70	1	8,861.40	18%	1,595.05	8.86	1,603.91	10,465.31
1/16	SM00019	Construction Of Rr Masonry In Cm (1:6) Using Hard Crs, Rough Granite Stone And BondStones (0.16 Cum) Including Cost And Conveyance Of All Materials., Labour Charges,Water Lead , Curing, All Leads And Lifts Etc., Complete For Finished Item Of Work As PerDirections Of The Engineer-in-charge.	995429	16.000	M3	4,238.99	1	67,823.84	18%	12,208.29	67.82	12,276.11	80,099.95



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A	B	C	D	E	F	G	H	$I = (E * G) / H$	J	$K = I * J$	$L = I * 0.1\%$	$M = K + L$	$N = I + M$
1/17	SM00069	Laying Of Plain Cement Concrete (pcc) - Nominal Mix (1:3:6) With 20mm Graded Hbg MetalFor Drains With Necessary Form Work Including Cost And Conveyance Of All Materials,Labour Charges, Curing And Water Charges, , Tools And Tackles, All Leads & LiftsEtc., Complete For Finished Item Of Work As Per Directions Of The Engineer-in-charge.(is-456)	995429	1.000	M3	5,596.63	1	5,596.63	18%	1,007.39	5.60	1,012.99	6,609.62
1/18	SM00845	Providing High Yield Strength Deformed (hysd)/ Thermo Mechanically Treated (tmt) (fe500/ 500d/ 550d) Grade As Per Is 1786-1979) Of Tisco/ Sail/ Vsp / Jindal Panther Make,Different Diameters For Rcc Works , Including Labour Charges For Straightening, Cutting,Bending To Required Sizes And Shapes, Placing In Position With Cover Blocks Of ApprovedMaterials And Size And Tying And Lap-splicing With Binding Wire Of 18 Swg, FormingGrills For Reinforcement Work As Per Approved Designs And Drawings, Including Cost AndConveyance Of Steel Bars, Including All Wastages Such As Overlaps, Couplings, Chairs,Spacer Bars Including Cost And Conveyance Of Binding Wire, Cover Blocks And AllIncidental, Operational, Labour Charges Such As Cutting, Bending, Placing In Position,Tying Including Sales And Other Taxes On All Materials Etc., Complete For Finished ItemOf Work In All Floors.(Apss No.126) - Switch Yard Works And Line Works	995429	0.100	MT	68,900.89	1	6,890.09	18%	1,240.22	6.89	1,247.11	8,137.20
1/19	SM00079	Laying Of Reinforced Cement Concrete (rcc) M- 20 Nominal Mix (cement 400 Kgs) Using20mm Size Graded Machine Crushed Hard Granite Metal (coarse Aggregate) From ApprovedQuarry Including Cost And Conveyance Of All Materials Like Cement, Fine Aggregate,Coarse Aggregate, Water Etc., To Site And Including All Operational, Incidental AndLabour Charges Such As Machine Mixing, Laying Concrete, Curing And Centering,Etc.,complete But Excluding Cost Of Steel And Its Fabrication Charges For Finished ItemOf Work (sand 0.45 Cum And Metal 0.90 Cum) As Directed By The Engineer In Charge.Centering Should Be With Casuarinas Ballies, Bamboos, Wooden Reapers, Runners, WoodPosts, Wall Plates Etc. Complete. - Rcc Cover Slab	995429	1.400	M3	8,663.28	1	12,128.59	18%	2,183.15	12.13	2,195.28	14,323.87



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A	B	C	D	E	F	G	H	I = (E * G) / H	J	K = I * J	L = I * 0.1%	M = K + L	N = I + M
1/20	SM00110	Providing Impervious Coat To Exposed Rcc Roof Slab Surface With Cm(1:3), 20mm ThickWith 1kg Of Water Proof Compound Per Bag Ofcement Laid Over Roof When It Is GreenIncluding Cost Of All Materials, Excluding Conveyance Charges Of Materials And IncludingAll Operational, Incidental And Labour Charges For Mixing Mortar, Laying, RenderingSmooth And Thread Lining, Curing, Rounding Off Junctions Of Wall And Slab Etc., CompleteFor Finished Item Of Work.	995429	33.000	M2	534.12	1	17,625.96	18%	3,172.67	17.63	3,190.30	20,816.26
1/21	SM00104	Plastering To Uneven Surfaces Of Rr /cr, Pcc With Cm(1:5) 20mm. Thick Including Cost &Conveyance Of All Materials, Labour Charges, Leads, Lifts And Curing Complete As PerThe Directions Of The Engineer In Charge For The Finished Item Of Work.	995429	18.000	M2	259.32	1	4,667.76	18%	840.20	4.67	844.87	5,512.63
1/22	SM00125	White Washing With Birla/jk White Cement If Approved Quality With Two Coats Quality ToGive Even Shade After Thoroughly Brushing The Surface To Remove All Dirt And Remaind OfLoose Powdered Material Including Cost Of All Materials, And Labour ChargesandIncidental Such As Scaffolding , Lift Charges Etc, Complete For Finished Item Of Work AsDirected By The Engineer In Charge. Complete For Finished Item Of Work.	995429	14.000	M2	45.09	1	631.26	18%	113.63	0.63	114.26	745.52
1/23	SSC0000151	Seignioarage Charges Including Smet, Dmft And Permit Fee	995429	5,790.000	RS	1.00	1	5,790.00	18%	1,042.20		1,042.20	6,832.20
Total Labour Portion Cost								445,383.30					525,991.90

Less Credits : NIL.

Details Of Approvals					
SINo	User ID	Approved By	Approved/Rejected Date	Approved/Rejected time	Remarks
1	EECIVC2RUZ	EE/CIVIL/CONST/RURA L- I(NLG)/HYDERABAD(2)	22.04.2026	16:42:56	Submitted for necessary action



Details Of Approvals					
SINo	User ID	Approved By	Approved/Rejected Date	Approved/Rejected time	Remarks
2	EECIVC1RUZ	EE/CIVIL/CONST/RURAL- I(NLG)/HYDERABAD(1)	22.04.2026	16:44:13	Approved

Encl.: Report to accompany the estimate.

Note:

ERP Alert message to Estimate Processing Authorities:

- 1. Budget will be locked for the Procurement value excluding Taxes only when the PR is generated from the PMO. Budget for Taxes, increase in cost as per quoted rates is to be ensured before creation of the PO. Adequate budget will also be needed at the time of issue of stock materials.
- 2. The Estimate indicates the applicable GST Rates/Values for Materials/Services. However, the Payments/Purchase Orders will be as per actual taxes applicable.

