

REPORT TO ACCOMPANY ESTIMATE
<p>Drilling of borewell @132KVSS Suryapet Report Accompanying the estimate for the work of "Drilling of Borewell at 132/33 KV Sub-Station Suryapet" in Suryapet Circle.</p> <p>Estimate amount Rs: 5,48,100.00</p> <p>-----</p> <p>The estimate provides for civil work of "Drilling of Borewell at 132/33 KV Sub-Station Suryapet" in Suryapet Circle.</p> <p>Vide Lt.No.DE/O&M/400KV SRPT/F.No. /D.No. 942/24, Dt:19.09.2024, the Divisional Engineer, O&M Division, 400KV Suryapet, has requested to arrange the drilling of new bore well at 132 KV SS Suryapet. Accordingly, an estimate is prepared with the following provisions.</p> <ol style="list-style-type: none">1. Job works for Geologist charges for site investigation for locating bore well points.2. Drilling of bore well by down the hole hammer (DTH) drilling to the finished diameter of 163 mm (6 1/2").3. Supply& fixing of 180 mm dia 6 kg/cm2 PVC casing pipes.4. Supplying and fixing 34.9 mm OD CPVC pipes - SDR 13.5 of premium make.5. Supplying & fixing 1 1/4" (32 mm inner dia HDPE pipe (12.5kg/Sqcm) PE-100 grade of approved quality.6. Supply and fixing of MS Bore cover and MS clamps for cover.7. Supplying & fixing of 3 core 2.5 Sqmm PVC Insulated and FRLS round sheathed multi core copper cable.8. Supplying & fixing 3 Phase 3HP submersible motor, 30 to 35 stages.9. Providing and fixing of the Bronze GM Ball Valve of 25mm OD. <p>The Estimate is prepared based on common SSR:2025-26 of all Engineering Dept's of Govt. of TG for which necessary data's have been worked out for each item of work.</p> <p>The Expenditure is Chargeable to under RMI Budget</p>



ABSTRACT ESTIMATE
(ALL FINANCIAL FIGURES IN RUPEES)

Name of the Work: Drilling of borewell @132KVSS Suryapet.
Maintenance Order No & Created Date: 900008402 & 22.07.2025.

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	456,558.56	82,180.54	538,739.10
(d)	Corpus Fund @ 0.1%	456.57	N/A	456.57
(e)	Total Labour Portion 2(a) + 2(b) + 2(c)+2(d)	457,015.13	82,180.54	539,195.67
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	457,015.13	82,180.54	539,195.67
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))	457,015.13	82,180.54	539,195.67

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Name of the work	: Drilling of borewell @132KVSS Suryapet	Total Non Stock Material Value	: 0.00
Maintenance Order No.(PMO)& Date	: 900008402/22.07.2025	Total Labour Portion Value	: 456,558.56
PM Order Status	: REL-Released/Approved at all levels/Work execution is in progress.	Estimated Contract Value	: 456,558.56
Type of Sanction	: EST(ESTIMAT(TOO No.229/2010))	Total Stock Material Value	: 0.00
Reservation No. / PR No.	: 192048 / 1200008733	Total Estimate Cost (Excl. Taxes)	: 456,558.56
PMO Created By	: EE/CIVIL/CONST/RURAL-I(NL (EECIVC2RUZ)	Total Tax (GST + Others)	: 82,637.11
Functional Location	: 132/33 KV SS SURYAPET	Total Estimate Cost (Incl. Taxes)	: 539,195.67
WBS Element	: R-23-01.06.03.01	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	Drilling of borewell @132KVSS Suryapet												
1/20	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
1/22	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



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
1/23	SM00052	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. - 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
1/24	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 12818-1992As Amended From Time To Time Including Transortation, Qc Inspection Etc., Complete AsPer The Directions Of The Engineer In Charge For The Finished Item Of Work	995429	30.000	RMT	715.30	1	21,459.00	18%	3,862.62	21.46	3,884.08	25,343.08
1/25	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 AsElbows, Tees, Couplers, Connectors, Solvent Cement Etc., And Labour Charges CompleteIncluding Cost And Conveyance Of All Materials To Site, All Operational, Incidental ,Labour Charges, Etc. Complete For Finished Item Of Work As Directed ByEngineer-in-charge.	995429	300.000	RMT	691.83	1	207,549.00	18%	37,358.82	207.55	37,566.37	245,115.37
1/26	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	150.000	RMT	129.87	1	19,480.50	18%	3,506.49	19.48	3,525.97	23,006.47



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
1/27	SM00057	Supply And Fixing Of Ms Bore Cover Duly Painted Suitable For 8" Dia Casing Pipe Including Cost & Conveyance Of All Materials And Fittings And Leads Complete As Per The Directions Of The Engineer In Charge For The Finished Item Of Work.	995429	2.000	NO	190.00	1	380.00	18%	68.40	0.38	68.78	448.78
1/28	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 Of The 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
1/29	SM00059	Supplying & Fixing Of 3 Core 2.5 Sqmm Pvc Insulated And Frs Round Sheathed Multi Core Copper Cable Of Finolex / Polycab /gold Medal Make And As Approved By The Engineer In Charge For Submersible Motor Including Cost & Conveyance Of All Materials, Labour Charges, Leads Complete As Per The Directions Of The Engineer In Charge For The Finished Item Of Work.	995429	300.000	RMT	174.35	1	52,305.00	18%	9,414.90	52.31	9,467.21	61,772.21
1/30	SM00060	Supplying & Fixing Of Star Rated 3 Phase 3hp 30 To 35 Stage Isi Submersible Motor Pumpset (crompton Greaves/texmo Make) For 6" Bore Well Alongwith Control Panel For Three Phase Submersible Motors Up To 5 Hp @ 415v 50hz Operating Fitted With Supply And Fixing 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 Phase Preventor, suitable Contactor To With Stand Low Voltage Pick Up And High Voltage Resistant, With Isi Marked Capacitors Assembled With Isi Mark Contactors And Fitted With Legrand Make Isi Mark Mcb Etc., Including Cost & Conveyance Of All Materials, Labour Charges, Etc., Complete As Per The Directions Of The Engineer In Charge For The Finished 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
1/32	SM00202	Providing And Fixing In Position At All Levels Of The Buildings, 25 Mm Nominal Bore Bronze Gm Ball Valve With Ss Ball And Spindle Indian Make Zoloto/ R-brand Heavy Type For Water Services With Hand Wheel At All Elevations For Following Sizes Including Jointing Complete As Per The Directions Of The Engineer In Charge For The Finished Item Of Work.	995429	1.000	EA	557.71	1	557.71	18%	100.39	0.56	100.95	658.66
Total Labour Portion Cost								456,558.56					539,195.67



Less Credits : NIL.

Details Of Approvals					
SINo	User ID	Approved By	Approved/Rejected Date	Approved/Rejected time	Remarks
1	EECIVC2RUZ	EE/CIVIL/CONST/RURAL-I(NLG)/HYDERABAD(2)	22.07.2025	13:30:44	approved
2	EECIVC1RUZ	EE/CIVIL/CONST/RURAL-I(NLG)/HYDERABAD(1)	22.07.2025	13:31:13	approved
3	SEOMC03NLG	SE/OMC/NALGONDA/RURAL-ZONE(3)	17.02.2026	16:41:15	
4	EECIVC1RUZ	EE/CIVIL/CONST/RURAL-I(NLG)/HYDERABAD(1)	18.02.2026	12:39:04	
5	EECIVC2RUZ	EE/CIVIL/CONST/RURAL-I(NLG)/HYDERABAD(2)	18.02.2026	12:45:13	approved
6	EECIVC1RUZ	EE/CIVIL/CONST/RURAL-I(NLG)/HYDERABAD(1)	18.02.2026	12:48:41	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.

