

S.No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	DIFF. in QTY	DIFF. in amount	Percentage
52	Impose 7mm thick layer of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to C.I. intermediate channel with connecting clips made out of 2.64 mm dia x 250 mm long C.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall position with the help of nail plugs at 450 mm centre, with 25 mm long dry wall screws @ 250 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 250 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light strings, grills, diffusers, exhausters with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with Fully Perforated Gypsum Plaster Board of size (200 x 240) @ 12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineer-in-charge and as per manufacturer's specifications, with at 4 side	1500	SQM	1175.46	1763100	247.9	291396.534	247.9	291396.534	-1252.1	-1471793.466	0.00
Total=												-9.24
S.No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	DIFF. in QTY	DIFF. in amount	Percentage
1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm in plan) including dressing of sides and running of bottoms, lift upto 1.5 m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	202.5	CUM	360.7	73041.75	202.5	73041.75	420.82	151789.774	218.32	78548.024	107.81
2	Providing and laying in position concrete concrete of specified grade excluding the cost of concreting and shuttering all work upto plinth level 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	16.2	CUM	2975.2	48198.24	16.2	48198.24	31.87	94819.624	15.67	46621.384	96.75
3	Providing and laying in position specified grade of reinforced concrete excluding the cost of concreting, shuttering, formwork and reinforcement. All work upto plinth level: 1:5:20 cement: 1:5 coarse sand: 3 graded stone aggregate 20 mm nominal size)	52.65	CUM	4688.3	246859.00	52.65	246859.00	111.6	523214.28	58.95	276375.285	111.97
4	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete Thermo-Mechanically Treated bars TMT-500-8mm dia.	3483.5082	Kg	94.5	329229.32	3483.5082	329229.32	6208.95	596745.775	2725.641818	257516.4518	78.22
5	Concreting and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, buttresses, piers and string courses etc.	27	Sqm	375.1	10127.7	27	10127.7	0	0	-27	-10127.7	-100.00
6	Steel work welded in built up sections/formed work, including cutting, bending, fixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required in girders, frames, girded bar, ladders, railings, brackets, gates & similar works	3338.4355	Kg	114.6	382584.201	3338.4355	382584.201	14276	1636373.4	10940.56455	1253788.697	327.72
Total=												0.00
S.No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	DIFF. in QTY	DIFF. in amount	Percentage
1	Earth work in excavation	95.628	CUM	360.7	34470.9995	95.628	34470.999	51.830	18491.474	-43.808	-15779.525	-45.70

[illegible]

S.No.	DESCRIPTION OF ITEM	QTY	UNIT	DATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	B/E in QTY	B/E in amount	Percentage
30	60 to 90M	0.020	m	27-05	0	0.020	0.020	0.020	0.020	0.020	0.000	0.00
31	Supplying all equipment tools and labour to develop the tube well for sand free discharge period etc. all complete as per direction of E.I	2.000	each	28-05	561	2.000	561.000	2.000	561.000	0.000	0.000	0.00
32	Supplying all materials & labour for arrangements of additional water required during the drilling work as per direction of E.I.	2.000	each	31-05	7000	2.000	3000.000	2.000	3000.000	0.000	0.000	0.00
33	Supplying all equipments tools and installation of 3 HP single phase submersible motor pump set	2.000	each	30-05	65000	2.000	65000.000	2.000	65000.000	0.000	0.000	0.00
34	Providing and placing bricks/bins for filling in each pit as per direction of E.I	27.475	cum	13-04-02	37402.0345	27.475	37402.0345	12.000	36375.440	-15.475	-33117.495	-56.32
35	Providing and placing on services (at all floor levels) polyethylene water storage tank.	7000.000	per lot	4-70	67900	7000.000	67900.000	4000.000	38900.000	-3000.000	-20100.000	-42.86
Total				11/7/15	581	1137926.581			715580.332		-422346.259	0.00
PART (B) ILLUMINATION SYSTEM and fire detection system												
S.No.	DESCRIPTION OF ITEM	QTY	UNIT	DATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	B/E in QTY	B/E in amount	Percentage
1	CONTROL ROOM BUILDING											
a	Lighting Panel											
b	Lighting Panel (Indoor) Type ACP-1 as per Tech. Specification	9	Nos	4-5-84	40850	9	40850	9	40850	0	0	0.00
c	Lighting Panel (Indoor) Type BCP-1 as per Tech. Specification	2	Nos	30-7-16	79432	2	79432	2	79432	0	0	0.00
2	Lighting fixtures and receptacles including accessories, materials etc. as per requirement (like junction box, cables/wires, flexible conduits if required from junction box to lighting fixtures, mounting arrangements)											
a	Lighting fixture Type-F1 as per Tech. Specification (BAIA) MAKE BPT 240											
a.1	Lighting fixture Type - BAIA1 MAKE BPTX 40W LED	74	Nos	3-10	56080	74	56080	74	56080	0	0	0.00
a.2	Lighting fixture Type - BAIA1 MAKE BPTX 10W LED	83	Nos	3-10	473100	83	473100	83	473100	0	0	0.00
a.3	Lighting fixture Type - BAIA1 MAKE B25SL 36W LED	6	Nos	8-01	39600	6	39600	6	39600	0	0	0.00
a.4	Lighting fixture Type - BAIA1 MAKE B25SL 18W WH RD LED	11	Nos	3-10	24850	11	24850	11	24850	0	0	0.00
a.5	Lighting fixture Type - BAIA1 MAKE BLCW 20W LED	11	Nos	3-10	57200	11	57200	11	57200	0	0	0.00
a.6	Lighting fixture Type - BAIA1 MAKE BLCW 10W LED	7	Nos	3-10	4900	7	4900	7	4900	0	0	0.00
a.7	Lighting fixture Type - BAIA1 MAKE BCLSB 1W LED	4	Nos	9-05	3800	4	3800	4	3800	0	0	0.00
a.8	Lighting fixture Type - BAIA1 MAKE GENTS TOILET SIGNAGE DS2 W100	4	Nos	8-01	32000	4	32000	4	32000	0	0	0.00
a.9	Lighting fixture Type - BAIA1 MAKE LADIES TOILET SIGNAGE DS2 W100	2	Nos	8-01	16000	2	16000	2	16000	0	0	0.00
a.10	Lighting fixture Type - BAIA1 MAKE EXIT SIGNAGE (BSL 10) LED SS2 WBB GREEN MR	2	Nos	4-10	13400	2	13400	2	13400	0	0	0.00
b	Lighting fixture Type-FF as per Tech. Specification (PHILIPS) MAKE RLSM 230											
b.1	Lighting fixture Type - BAIA1 MAKE BPTX 40W LED	105	Nos	4-01	62700	105	62700	105	62700	0	0	0.00
b.2	Lighting fixture Type - BAIA1 MAKE BPTX 10W LED	20	Nos	4-01	178000	20	178000	20	178000	0	0	0.00
c	Lighting fixture Type-IF as per Tech. Specification (PHILIPS) MAKE PCS 100	70	Nos	3-05	25830	70	25830	70	25830	0	0	0.00
d	Lighting fixture Type-FB as per Tech. Specification (BAIA) MAKE BIDE 15	18	Nos	9-1	16058	18	16058	18	16058	0	0	0.00
e	Lighting fixture Type-PF as per Tech. Specification (A.P.P.A) DELUX of MIA DELTA (450 LITE)	9	Nos	10-05	27225	9	27225	9	27225	0	0	0.00
f	812 A, 240V, Indoor Receptacles 2 pin type (Type RI)	35	Nos	4-7	15295	35	15295	35	15295	0	0	0.00
g	15A, 240V, Out door receptacles 2 pin, 3 pin type (Type RO)	4	Nos	3-01	11284	4	11284	4	11284	0	0	0.00
h	40A, 415V, Interlocked switch socket outdoor Receptacles (Type RPI)	4	Nos	15-04	60376	4	60376	4	60376	0	0	0.00
3	Switchboard											
4	Modular switch board with 1 nos. 3 Amp. Switches and 1 no. S/S Amp. receptacles	25	Nos	02-8	33700	25	15700	25	15700	0	0	0.00

S.No	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	DIFF. in QTY	DIFF. in amount	Percentage
1	Modular switch board with 4 nos. 5Amp Switches and 1 no. 5/15 Amp. Recessed(1 no. switch will be replaced by Fan Regulator)	16	Nos.	628	10048	16	10048	16	10048	0	0	0.00
2	Modular switchboard with 6 nos. 5Amp Switches	6	Nos.	954	5724	6	5724	6	5724	0	0	0.00
3	Modular switchboard with 3 nos. 5Amp. Switches	37	Nos.	354	13098	37	13098	37	13098	0	0	0.00
4	Ceiling fan- 1400 mm swing with electronic speed regulator	18	Nos.	3025	54450	18	54450	18	54450	0	0	0.00
5	Exhaust fan	23	Nos.	5884	135132	23	135132	15	88260	-8	-47072	-34.78
6	Wall mounted fan 400 mm sweep	11	Nos.	3025	33275	11	33275	11	33275	0	0	0.00
7	Cables & wires									0	0	
	Heavy duty PVC conduits as of 2025/32 mm size complete with all accessories for point wiring for Light points, Fans power points 5/15 amps. With 2.5 sq.mm/4 mm2/6.0 mm2 copper for circuit wiring and 1.5 mm2 copper earth wire PVC insulated in green color including wiring for submers (i.e. wiring from Lighting panel to switch board.	1.75	L.B	13808	24156.5	1.75	24156.5	1.75	24156.5	0	0	0.00
8	Wiring from lighting panel to switch boards. Fans switchboard to junction boxes for light points with 2.5/4.0/6.0 mm2 copper wire as per technical specification, complete in all respect. 1.5 mm2 copper wire (green) will be used for earthing inside conduits	10.5	L.B	3025	31762.5	10.5	31762.5	10.5	31762.5	0	0	0.00
9	Junction boxes with 4 nos. of terminal blocks for indoor lighting excluding junction box supplied alongwith lighting fixture	9	Nos.	5044	45396	9	45396	9	45396	0	0	0.00
10	Self supported aluminum ladder	2	Nos.	16175.25	32350.5	2	32350.5	1	16175.25	-1	-16175.25	-50.00
	Supply of high wall type split Air Conditioners units of 2 TR capacity 5 star rated with stabilizer of approved brand at complete	31.5	Set	65660.05	204991.575	31.5	204991.575	28	182681.4	-3.5	-22710.175	-11.11
	Total=				535175.075		535175.075		556017.650		-20952.475	0.00
Fire detecting System												
1	Supply of UL Listed and FM approved 1 Loop Addressable addressable Fire Alarm system Each loop shall have a capacity of 256 detectors & devices in any combination. The panel shall be able to give location of all fire and More Fire (fault and Incision conditions of addressable units via the address codes. The panel shall have the capacity of storing upto 2000 events. Further, the panel must be able to automatically switch ON OFF irrespective control module when ever any alarm is triggered. The panel should have reflasher Alarm, fault and monitored sounder output. The panel shall have a 2"x4-3/4" Size VGA monochrome LCD display and having maximum 320 (8 x 40) Characters in the display.	1	Nos.	202337.09	202337.09	1	202337.09	1	202337.09	0	0	0.00
2	The panel shall have a built in power supply of 170 Watts and battery charger. Battery charger shall be able to charge the system batteries upto 33 AH. The Panel shall have the capacity of controlling additional 15 panels or Network terminals using network dual, with redundancy in the network, TCP/IP connectivity for Central Monitoring station. The panel shall have the capacity of connecting maximum 8 Remote terminals or 8 remote displays using RS 485 card. Make: Siemens											
	Supply of UL Listed and FM approved remote terminal. The panel shall be able to give location of all fire and fault and location conditions of addressable units of remote Fire Alarm panel via the address codes and also having remote system-control capabilities. The panel shall have a 2"x4-3/4" Size VGA monochrome LCD display and having maximum 320 (8 x 40) Characters in the display. Make: Siemens	1	Nos.	115817.39	115817.39	1	115817.39	1	115817.39	0	0	0.00

S.No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	BILL = QTY * RATE	BILL AMOUNT	PAYMENT
3	Supply of UL listed and FM approved Intelligent Addressable Smoke detector with Fire Prime Technology having responsiveness of photoelectric thermal ionization technology and false alarm resistance along with standard base. The same shall have a tri color Single LED for multiple status indication. The detector shall have facility to mount in different configurations environment like hostile environment, Parking Garage, HVAC Ducts, Precious storage, Transformer rooms, Warehouse, Dormitory and normal housing environments. Make: Siemens	107	Nox	\$233.28	- \$59660.96	107	\$59660.96	107	\$59660.96	0	0	0.00
4	Supply installation Testing and commissioning of Response indicators with LED Indication Lamps:	51	Nos	213.04	10910.94	51	10910.94	51	10910.94	0	0	0.00
5	Supply of UL listed and FM approved Intelligent Addressable microprocessor based rate of rise and fixed temperature Heat detector with base. Make: Siemens	1	Nos	3642.95	3642.95	1	3642.95	1	3642.95	0	0	0.00
6	Supply of UL listed and FM approved Single vision Manual Pull Station. Make: Siemans	3	Nos	9016.86	27050.58	3	27050.58	3	27050.58	0	0	0.00
7	Supply of UL listed and FM approved intelligent addressable Input module for monitoring purpose. Make: Siemens	3	Nos	6941.8	20825.4	3	20825.4	3	20825.4	0	0	0.00
8	Supply of UL listed and FM approved intelligent addressable Output module having facility to activate sounders, AHI/J Tripping etc. Make: Siemens	3	Nos	\$363.55	21690.65	3	25690.65	3	25690.65	0	0	0.00
9	Supply of UL listed Line Isolator for isolating the section of circuit in case of short in the addressable Loop wiring. Make: Siemens	10	Nos	4411.93	44119.3	10	44119.3	10	44119.3	0	0	0.00
10	Supply, installing, testing and commisioning of 2ft x 1.5 ft sq. mm, PVC insulated FMS Armoured support cable for SLIC Loop & Power Supply, conforming to IS standards and Specifications Complete as required per technical specification Make: Arnisured	2000	Mtr	157.09	314180	2000	314180	2000	314180	0	0	0.00
(A)	Carriage cost of materials											
a	Local sand	30.87	cum	316.15	9739.614410	781.83	247174.6196	783.97	247854.1482	753.1	238994.7698	2439.59
b	Course Sand	867.9	cum	2412.80	2094569.354	788.39	1907277.586	795.7	1919805.156	-72.2	-174104.1778	-8.32
c	Aggregate	738.83	cum	2144.80	1584188.769	722.04	1548383.345	734.39	1557422.818	-14.44	-30965.95134	-3.95
d	Drickal (K + 7H)	162.07	Tons	1157.13	188354.7509	184.99	210557.7835	189.29	215247.4449	27.22	30952.6401	16.80
B	Add Difference of Materials											
a	Bricks	162.07	Tons	278.29	45102.2543	184.99	51480.63197	189.29	52677.2755	27.22	7575.019202	16.80
b	Cement	8358.51	Bags	13.51	112938.897	9534	128821.9364	9616	129929.9078	1257.49	16991.91079	15.04
Total=												
New Items												
S.No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	BILL = QTY * RATE	BILL IN AMOUNT	Percentage
1	Reinforcement for R.C.C work including straightening, cutting, bending placing in position and binding all complete.	0	m³	92.6	0	1162.744	10767.19464	21486.92	2009401.11	11627.64	2009401.11	
b	Thermally-Mechanically Treated bars TMTC-260C-10mm dia. Thermally-Mechanically Treated bars TMTC-Fo-200C-10mm dia. Providing and laying Verified nylon net floor at different sizes [thickness to be specified by the manufacturer] with water absorption less than 0.08% and conforming to IS : 15622, of approved brand & manufacture, in all columns and shade laid on 20 mm thick cement mortar 1:4 (1 centest, 4 coarse sand) jointings with grey cement slurry @ 3 kg/m² including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zinc chipping diamond cutter only Laying of tiles will be done with the notch trowel, plaster, wedge, edge of required thickness, leveling system and roller mallet for placing the plates perfectly and quality double check verified tile followed finish of floor@600X600	0	kgs	44.7	0	11683.51	1071379.701	11392.81	1044720.787	13683.53	1044720.787	
3(1)-4(A.1)		0	Kgs	1622.3	0	1622.4	1663319.28	1626.4	1663319.28	1626.4	1663319.28	

S. No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	Diff. in QTY	Diff. in amount	Percentage
381 (46.7)	Pre-sieving and laying Viniford tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to IS 15622, of approved shade, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:1 (tensort 3 coarse sand), excluding grouting the joints with white cement matching pigments etc. complete. Size of Tile 600 x 600 mm	0	Sq.m	11391.8	0	112.26	133791.468	112.26	133791.468	112.26	133791.468	
411 (34)	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS 15622 (Thickness to be specified by the manufacturer) of approved shade in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting, riser of proposed stairs over 12 mm thick bed of cement mortar 1:3:1 (cement: 3 coarse sand) and jointing with grey cement slurry @ 3.1 kg per sq.m including pointing in white cement mixed with pigment of matching shade complete.	0	Sq.m	795	0	138.86	110155.2	138.86	110155.2	138.86	110155.2	
5/2 (25A)	Excavating, supplying and filling of local earth (including royalty (excluding cartage cost) by mechanical transport upto a lead of 3km) including retaining and watering of the earth in layers not exceeding 30 cm in thickness, plinth, sides of foundation etc. complete. If local earth is available at more than 3 km lead the total lead mileage approved by competent authority, cartage of material will be paid separately and calculated after deducting initial lead.	0	Cum	411.7	0	445.23	183301.191	445.23	183301.191	445.23	183301.191	
6/9 (47D.4)	Providing and fixing heavy duty gPVC white colour sliding glazed window sash 150 mm x height dimension comprising of gPVC multi-chambered frame with sash roller track and sash exterior profile fully reinforced 5% aluminium in dimension i.e. in depth & width of profile shall be acceptable three inch thick i.e. in both having wall thickness of 23 x 0.2 mm and single glazing heat/clear glazing heat of appropriate dimension (Area of window above 1.75 sq.m).	0	Sq.m	9083.3	0	126.9	1152070.77	95.18	865448.494	95.18	865448.494	
7/9 (47D.3)	Providing and fixing heavy duty gPVC white colour sliding glazed window sash 150 mm x height dimension comprising of gPVC multi-chambered frame with sash roller track and sash exterior profile, all complete as per approved drawing & dimension of Engineer-in-Charge (small format) frame 60 x 44 mm & sash 75 x 44 mm both having wall thickness of 10 x 0.2 mm and single glazing heat of appropriate dimension (Area of window sash 1.75 sq.m).	0	Sq.m	7261.0	0	8.55	62089.545	8.55	62089.545	8.55	62089.545	
8/9 (44)	Providing and fixing heavy duty gPVC door frame, made of gPVC standard section, of size 61 mm x 35 mm with thickness 20 mm (x 0.2 mm) corners of the door frame to be milled and joined with plastic brackets and interlocking joint system, reinforcing large side vertical of the frame with PVC profile of size 38 mm x 30 mm with wall thickness 2 mm (x 0.2 mm). Locking at size 100 mm x 37 mm with wall thickness 2 mm (x 0.2 mm). Locking at size 100 mm x 37 mm with wall thickness 2 mm (x 0.2 mm) with tie rod in the vertical system. Providing with PVC tough bottom and joint of size 100 mm x 26 mm, and inserting 2 mm tie bar of 6 mm dia and fastening with nuts and washers complete, as per manufacturer's specifications and dimension of Engineer-in-charge.	0	Meter	516.8	0	16.30	30077.76	46.41	25038.96	48.45	25038.96	
9/9 (44)	Providing and fixing 37 mm thick Galvalume walls, PVC door shutter, sash and sash roller track, sash roller track of size 100 mm x 37 mm with wall thickness 2 mm (x 0.2 mm), with sash roller track on one side, with tie rod and nuts on the other side, in the corners by means of 2 mm of plastic brackets of size 75 mm PVC profile of size 38 mm x 30 mm with wall thickness 2 mm (x 0.2 mm). Locking at size 100 mm x 37 mm with wall thickness 2 mm (x 0.2 mm) with tie rod in the vertical system. Providing with PVC tough bottom and joint of size 100 mm x 26 mm, and inserting 2 mm tie bar of 6 mm dia and fastening with nuts and washers complete, as per manufacturer's specifications and dimension of Engineer-in-charge.	0	Sq.m	3492.8	0	23.9	83477.92	23.9	83477.92	23.9	83477.92	
10/21 (7.2)	Providing closed aluminium sheet 2.5mm thick (minimum thickness of powder coating 50 micron).	0	K.G	584.4	0	83.63	48873.372	83.63	48873.372	83.63	48873.372	

[illegible]

Annexure-XXXVIII



Bihar State Power Transmission Company Limited (BSPTCL)

Technical Sanction, NIT, Word Order and essentials

Name of the Work –

“Construction of Transmission Office (G+2) Building at GSS, Chhapra

and

Construction of Transmission office (G+2) building at GSS Madhepura”

GENERAL AND TECHNICAL REPORT

❖ Name of work	Construction of Transmission office (G+2) building at GSS Madhepura.
❖ NIT No.	02/PR/BSPTCL/2023/02
❖ Name of Agency	M/s Jai Bajrang Construction
❖ Head	IRF (Capital), Building Head

- This is regarding the work of construction of Transmission office (G+2) building at GSS Madhepura. Various new offices such as Transmission Circle, Transmission Civil Circle, Transmission Division and Transmission Civil Division have been created after restructuring of the company, the officers and staffs have also been deputed in the aforesaid newly created transmission offices. There is no separate office building for the aforesaid newly created transmission offices. The said offices are running in residential quarters at GSS Madhepura. The available space in residential quarters are too small to accommodate all the newly created transmission offices. On account of no proper accommodation of offices for the newly created transmission offices, officers and employees have to face difficulties in dissipation of daily official works. In light of all this, a new building is required at GSS Madhepura to accommodate all offices at Circle level for smooth functioning of the offices.
- The estimate has been prepared on the basis of current CPWD plinth area rate w.e.f. 01.04.2021. The estimated cost is coming out to be Rs. 6,03,74,100.00 (Rupees Six Crore Three Lakh Seventy Four Thousand One Hundred) only. The estimation includes RCC framed structure, Automatic Fire alarm system, Internal water supply, Internal electric installation, Internal Road, Horticulture & furniture etc. The estimated cost is inclusive of GST @ 18%, contingency @ 3% and consultancy @ 3.5%.
- Financial concurrence to the tune of Rs. 6,03,74,100/- has been accorded under IRF (Capital). Building Head and subsequently technical sanction amounting to Rs. 5,83,51,500.00 of the said work has been accorded by Special Technical Committee.
- Administrative approval and permission of tendering for the said work has been accorded by MD, BSPTCL.
- Tender for the aforesaid work has been invited vide NIT No.- 02/PR/BSPTCL/2023/02. Post tendering the work was awarded to L-1 bidder i.e. M/s Jai Bajrang Construction, Rohtas vide W.O. No.- 07, dated- 17.04.2023.

Nishant Kumar
25.07.25
Assistant Engineer (Civil)

[Signature]
25.07.25
Executive Engineer (Civil)

[Signature]
30.07.25
Superintending Engineer (Civil)

[Signature]
29.07.25
Chief Engineer (Civil)

TECHNICAL REPORT

An estimate amounting Rs. 6,03,74,100/- (Rs. Six Crores Three lacs Seventy Four thousand One hundred) only has been prepared to meet the expenditure for the work of "Construction of Transmission office(G+2) Building at GSS Chhapra".

New Transmission Circle, Transmission Civil Circle and Transmission Civil Division office have been created after restructuring of the organisation. The officers and staffs have also been deputed in the aforesaid offices. There is no separate office building for Transmission Circle office, Chhapra. It is running in IB and store building at GSS Chhapra. The available space in IB & Store building are too small to accommodate all offices of Transmission Circle i.e. Circle office, Civil Circle office, Division office and Civil Division office. There is also lack of furniture for officers and the employees. Due to all these reasons, officers and employees have to face difficulties doing day to day official works. In light of all this, a new building is required at GSS Chhapra to accommodate all offices at Circle level for smooth functioning of the offices.

An estimate has been prepared for Construction of Transmission Office building(G+2) at GSS Chhapra which will accommodate Transmission Circle office, Transmission Civil Circle office, Transmission Division office and Transmission Civil Division office. The cost analysis is as below:-

Part (A):-

Sl. No.	Item	Rate
1	RCC framed structure	Rs. 27090.00/sqm
2	Automatic Fire Alarm system	Rs. 600.00/sqm
3	Internal water supply	Rs. 1083.60/sqm
4	Internal Electric installation	Rs. 3386.25/sqm
	Total	Rs. 32,159.85/sqm
	Plinth area of the building	1572 sqm
	Cost of the building	Rs. 5,05,55,284.20
5	Internal Road-Cement concrete pavement-10 m*3.75 m=37.5 sqm @ Rs. 2040/sqm	Rs. 76,500.00
6	Levelling-10 m*10 m=100 sqm @ Rs. 300/sqm	Rs. 30,000.00
7	Horticulture operations including 300 mm earth filling, grassing, tree plantations/ shrubs and potted plants etc.- 10 m*10 m=100 sqm @ Rs. 275/sqm	Rs. 27,500.00
	Total cost of the building	Rs. 5,06,89,284.20

Part (B):-Tentative cost of furniture

Sl. No.	Name of Office	Tentative cost per office
1	Transmission Circle	Rs. 20,00,000/-
2	Transmission Civil Circle	Rs. 20,00,000/-
3	Transmission Division	Rs. 10,00,000/-
4	Transmission Civil Division	Rs. 10,00,000/-
	Total	Rs. 60,00,000/-

Total cost of the building including furniture=Part(A)+Part(B)

=Rs. 5,66,89,284.20/-

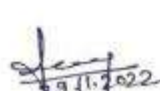
Add Consultancy fee @ 3.5%=Rs. 19,84,124.95/-

Add Contingency fee @ 3.0%=Rs. 17,00,678.53/-

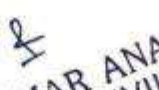
Total cost of the building including furniture and Consultancy fee= Rs. 6,03,74,087.67/-

Say Rs. 6,03,74,100/-

The rates have been taken from CPWD Plinth area rate as on 01.04.2021.Hence, the estimate may be got technically approved and file may be sent to the Accounts wing for getting financial concurrence of Rs. 6,03,74,100/- under IRF-Capital(Building) Head. The file is being put up for approval from the competent authority, early sanction of the estimate and further needful.


29.11.22
Alka Kumari
J.E. (C), B.S.P.T.C.L.


29.11.22
(Vinay Kumar)
AE (C), B.S.P.T.C.L.


29.11.22
KUMAR ANAND
EE (CIVIL)
BSPTCL


29.11.22
Kumar Chaitanya
SE (C), BSPTCL

**ESTIMATE FOR CONSTRUCTION OF TRANSMISSION OFFICE (G+2) BUILDING AT GSS
Chhapra**

SUMMARY OF COST		
S. No.	Description	Amount
1	EARTH WORK	8,01,654.00
2	MASONRY WORK	18,32,028.00
3	CEMENT CONCRETE WORK	3,22,970.00
4	REINFORCED CEMENT CONCRETE WORK	1,09,62,579.38
5	PLINTH WORK	1,32,992.00
6	WOOD & ALUMINIUM WORK	41,12,856.63
7	STONE WORK	6,72,826.09
8	FLOORING WORK	22,64,642.00
9	FINISHING WORK	13,68,893.56
10	STEEL WORK	9,19,000.23
11	STRUCTURAL GLAZING AND ALUMINIUM COMPOSITE PANEL WORK	34,17,535.84
12	WATER PROOFING WORK	8,71,712.13
13	CARRIAGE OF MATERIALS	36,25,287.00
14	DIFFERENCE IN BASIC RATES	50,135.00
15	WATER SUPPLY AND SANITARY INSTALLATION	19,47,222.01
16	FALSE CELING	13,71,626.35
17	ELECTRICAL WORKS	90,54,583.00
	Total	4,37,28,543.22
	Total (GST Factor =1.18/1.1405)	4,52,43,034.64
18	Seigniorage fee	54,358.74
		4,52,97,393.38
19	PARTITION & FURNITURE(I/C GST)	1,29,64,687.98
	GRAND TOTAL	5,82,62,081.36

say Re. 5,82,62,100.00/-

[Signature]
23.01.23
At(c).HB

[Signature]
23.01.23
EE(c).HQ

[Signature]
23.01.23
SGS.HQ

Technically sanctioned for Re. 5,82,62,100.00/- (Re. Five Crores Eighty Two Lacs Sixty two thousand one hundred only).

[Signature]
23/01/2023
CE(c)
NBPCL

[Signature]
23/01/23
CE(O2M)
BSPCL

[Signature]
23.01.23
ANAND KUMAR
(CIVIL)
BSPCL

TECHNICAL REPORT

An estimate amounting Rs. 6,03,74,100/- (Rs. Six Crores Three lacs Seventy Four thousand One hundred) only has been prepared to meet the expenditure for the work of "Construction of Transmission office(G+2) building at GSS Madhepura".

New Transmission Circle, Transmission Civil Circle and Transmission Civil Division office have been created after restructuring of the organisation. The officers and staffs have also been deputed in the aforesaid offices. There is no separate office building for Transmission Circle office, Madhepura. It is running in old staff quarter building situated in Transmission colony at GSS Madhepura. The staff quarter building is too small to accommodate all offices of Transmission Circle i.e. Circle office, Civil Circle office, Division office and Civil Division office. There is also lack of furniture for officers and the employees. Due to all these reasons, officers and employees have to face difficulties doing day to day official works. In light of all this, a new building is required at GSS Madhepura to accommodate all offices at Circle level for smooth functioning of the offices.

An estimate has been prepared for Construction of Transmission office building(G+2) at GSS Madhepura which will accommodate Transmission Circle office, Transmission Civil Circle office, Transmission Division office and Transmission Civil Division office. The cost analysis is as below:-

Part (A):-

SL No.	Item	Rate
1	RCC framed structure	Rs. 27090.00/sqm
2	Automatic Fire Alarm system	Rs. 600.00/sqm
3	Internal water supply	Rs. 1083.60/sqm
4	Internal Electric installation	Rs. 3386.25/sqm
	Total	Rs. 32,159.85/sqm
	Plinth area of the building	1572 sqm
	Cost of the building	Rs. 5,05,55,284.20
5	Internal Road-Cement concrete pavement-10 m*3.75 m=37.5 sqm @ Rs. 2040/sqm	Rs. 76,500.00
6	Levelling-10 m*10 m=100 sqm @ Rs. 300/sqm	Rs. 30,000.00
7	Horticulture operations including 300 mm earth filling, grassing, tree plantations/ shrubs and potted plants etc.- 10 m*10 m=100 sqm @ Rs. 275/sqm	Rs. 27,500.00
	Total cost of the building	Rs. 5,06,89,284.20

Alka Kumari
29.11.22
J.E. (C), B.S.P.T.C.
Anay Kumar
29.11.22
A.E. (C), B.S.P.T.C.
KUMAR ANAND
29.11.22
EE (CIVIL)
BSPTCL
Kumar Chaitanya
29.11.22
SE (C), BSPTCL

Part (B):-Tentative cost of furniture

Sl. No.	Name of Office	Tentative cost per office
1	Transmission Circle	Rs. 20,00,000/-
2	Transmission Civil Circle	Rs. 20,00,000/-
3	Transmission Division	Rs. 10,00,000/-
4	Transmission Civil Division	Rs. 10,00,000/-
	Total	Rs. 60,00,000/-

Total cost of the building including furniture=Part (A)+Part(B)

=Rs. 5,66,89,284.20/-

Add Consultancy fee @ 3.5%=Rs. 19,84,124.95/-

Add Contingency fee @ 3.0%=Rs. 17,00,678.53/-

Total cost of the building including furniture and Consultancy fee=Rs. 6,03,74,087.67/-

Say Rs. 6,03,74,100/-

The rates have been taken from CPWD Plinth area rate as on 01.04.2021. Hence, the estimate may be got technically approved and file may be sent to the Accounts wing for getting financial concurrence of Rs. 6,03,74,100/- under IRF-Capital(Building) Head. The file is being put up for approval from the competent authority, early sanction of the estimate and further needful.

[Signature]
29.11.22
VECC/HQ
Alka Kumari
J.E. (C), B.S.P.T.C. (Kumar)
AE (C), B.S.P.T.C.L

[Signature]
29.11.22
KUMAR ANIL
EE (CIVIL)
BSPTCL

[Signature]
29.11.22
S G U
Kumar Chaitanya
SE (C), BSPTCL

(150)

ESTIMATE FOR CONSTRUCTION OF TRANSMISSION OFFICE (G+2) BUILDING AT G88 MADHEPURA

SUMMARY OF COST	
S. No.	Description
1	EARTH WORK
2	MASONRY WORK
3	CEMENT CONCRETE WORK
4	REINFORCED CEMENT CONCRETE WORK
5	PLINTH WORK
6	WOOD & ALUMINIUM WORK
7	STONE WORK
8	FLOORING WORK
9	FINISHING WORK
10	STEEL WORK
11	STRUCTURAL GLAZING AND ALUMINIUM COMPOSITE PANEL WORK
12	WATER PROOFING WORK
13	CARRIAGE OF MATERIALS
14	DIFFERENCE IN BASIC RATES
15	WATER SUPPLY AND SANITARY INSTALLATION
16	FALSE CELING
17	ELECTRICAL WORKS
Total	
18	Seigniorage fee
Total (GST Factor = 1.18/1.1405)	
19	PARTITION & FURNITURE (w/ GST)
GRAND TOTAL	

Say. 5,83,51,500/-

Kumar
(Vinay Kumar)
AE (C), B.S.P.T.C.L

23.01.23
KUMAR ANAND
EE (CIVIL)
BSPTCL

23.01.23
Kumar Chaitanya
SE (C), BSPTCL

Technically Sanctioned for Rs. 5,83,51,500/- (Five crore Eighty Three Lacs Fifty One Thousand Five Hundred) only.

Bulake
23/01/2023
CE (Civil)
NBPDEL

HANNA
23/01/23
CE (O&M)
BSPTCL

23.01.23
ANAND KUMAR
CE (CIVIL)
BSPTCL



Bihar State Power Transmission Company Limited, Patna (Regd. office: Vidyut Bhawan, Bailey Road, Patna) GST No.: 10AAFCB2393H1Z1, CIN- U74110BR2012SGC018889 email- civil.dept@bsptcl.bihar.gov.in, Contact No : 7763817981, 9264427334 (Department of Civil of BSPTCL)

NOTICE INVITING TENDER **NIT No: 01/PR/BSPTCL/2023**

(Through e - procurement mode only- www.eproc2.bihar.gov.in)

Online e-Tenders are invited by Chief Engineer (Civil) from eligible and experienced Agency/ Firm/ Company/ State or Central Govt. Undertaking for the works noted below.

Sl. No.	Name of Work	Estimated Cost	E.M.D	Cost of BOQ (Non-refundable)	Completion time
1.	Construction of Transmission Office (G+2) Building at GSS, Chhapra.	Rs.5,83,90,000/-	Rs.11.67,800/-	Rs. 11,800/-	12(Twelve) months
2.	Construction of Transmission Office (G+2) Building at GSS, Madhepura.	Rs.5,83,90,000/-	Rs.11.67,800/-	Rs. 11,800/-	12(Twelve) months

Bid submission start date and time:-	From 15:00 Hrs of 23.01.2023 through website www.eproc2.bihar.gov.in
Bid submission end date and time:-	On 15:00 Hrs of 14.02.2023 through website www.eproc2.bihar.gov.in
Opening of Technical Part:	After 15:30 Hrs of 14.02.2023 through website www.eproc2.bihar.gov.in
Opening of price part:	To be notified after Technical Bid Evaluation through website www.eproc2.bihar.gov.in

1. BG will be deposited as cost of EMD in favour of Senior Manager (Finance & Accounts), BSPTCL payable at Patna or through online mode i.e. Internet payment gateway (Credit/debit), Net banking, NEFT/RTGS to BSPTCL, Patna.
2. Bid processing fee is to be paid through online mode i.e. Internet payment gateway (Credit/debit), Net banking, NEFT/RTGS to BSPTCL, Patna.
3. Cost of BOQ is to be paid through online mode i.e. Internet payment gateway (Credit/debit), Net banking, NEFT/RTGS to BSPTCL, Patna.
4. The estimated cost in BOQ, EMD & Cost of BOQ of the above mentioned works may vary.
5. All original Demand Draft/BG/ Acknowledgement receipt of e-payment of EMD & BOQ may be submitted in the office of Chief Engineer (Civil), BSPTCL, 4th floor, Vidyut Bhawan, Patna up to 15:00 Hrs of 14.02.2023.
6. The authority reserves the right to cancel the bid at any stage without assigning any reasons thereof.
7. The department doesn't take any responsibility for the delay/non-submission of tender/non-reconciliation of online payment caused due to non-availability of internet connection, network traffic/holidays or any other reasons.
8. Bidder should have valid GST and all other applicable tax registration certificate and copies of the same duly attested shall be furnished.
9. The tender documents along with General/special condition, bids and any corrigendum/ addendum of the tender are available only at website www.eproc2.bihar.gov.in.

Chief Engineer (Civil)
BSPTCL

complaints regarding corruption Vigilance Help Line toll free No.- 1064, and telephone -0612-2232630. Consumer can deposit electricity bills via Sahaz Vasudha Centre or via www.northbiharbill.org & bills.sbpcl.in
tendering introduced in BSPTCL for tenders above Rs. 10 lacs. For registration logon to www.eproc2.bihar.gov.in and e - procurement Help Desk Toll free no. 1800 572 6571, Email Id: eproc2support@bihar.gov.in

Memo No.-01 / CE(CV)/Tm/1184/2022

Dated : 03-01-2023

copy forwarded to GM (HR & Admn.), BSPTCL for publication in leading news papers / DBA (IT), BSPTCL, Patna for uploading the tender notice on BSPTCL website/ A.O.(Tender), BSPTCL for information and necessary action.

03.01.23
Chief Engineer (Civil)
BSPTCL



BIHAR STATE POWER TRANSMISSION COMPANY LIMITED

A subsidiary company of Bihar State Power (Holding) Company Ltd. Patna.
CIN-174110HR201256C 018889

(SAVE ENERGY FOR BENEFIT OF SELF AND NATION)

Head Office: Vidyut Bhawan, Bailey Road, Patna-800021

E-mail address- corpl.dept@bsptcl.bihar.gov.in

Website- www.bsptcl.in

Work order no. 06 / CIVIL,
CE(C)/Trans/1188/2022

Dated 17/04/2023

From:

Anjani Kumar
Chief Engineer (Civil)

To

M/s Jai Bajrang Construction,
Vill.-Parwa, Nokha, Rohtas-802215.
Email - bajrangsingh869@gmail.com

Sub: - Work order for "Construction of Transmission office (G+2) building at GSS Chhapra."

Ref: - (i) NIT No- 02/PR/BSPTCL/2023/1.
(ii) Your letter dt.- 10.04.2023.

Sir,

With reference to the above, undersigned is pleased to place an order with you for the above work on the terms and conditions enumerated below:-

- 1. Scope of work :-** Construction of Transmission office (G+2) building at GSS Chhapra.
- 2. Value of work: -** The value of the above work is Rs. 4,90,43,114/- (Four Crore Ninety Lacs Forty Three Thousand One Hundred Fourteen) only which has been quoted against the final estimated cost i.e. Rs.5,82,62,100/- (Five Crore Eighty Two Lacs Sixty Two Thousand One Hundred) only. The above cost is including GST @ 18% and other taxes etc.
- 3. Quoted Rate: -** Your quoted rate is 10% (Ten percent) below for SOR items and Rs. 82,70,024/- (Rupees Eighty Two Lacs Seventy Thousand Twenty Four) only for Non-SOR items.
- 4. Security Deposit: -** You had to submit total Security Deposit @ 10% of the work value out of which already deposited EMD vide UTR/ Remittance No. - BKIDH23041527792, dt.-10.02.2023 of Rs. 11,67,800/- (Eleven lacs Sixty Seven Thousand Eight Hundred) only has been accepted for @2% of order value i.e. Rs. 9,80,862/- (Nine Lacs Eighty Thousand Eight Hundred Sixty Two) only as Performance Security on your request. Balance 8% will be deducted from your running bills.
- 5. Release of Security deposit: -** On completion of the whole of the work, half of the total amount of security shall be repaid to the contractor after six months of completion. However, the balance half of the total amount of security will be returned after completion of defect liability period and after the Engineer-in-charge has certified that all defects notified by him to the contractor before the end of this period have been corrected and also after recovery of any dues.
- 6. Completion time:-** 12 (Twelve) Months from the date of issue of work order or the handover of site, whichever is later.
- 7. Defect Liability Period: -** Defect liability period shall be 03 (Three) years after completion of work.

P.T.O.

8. **TERMS OF PAYMENT:** - The paying authority will be Sr. Manager (F&A), BSPTCL, Patna. Bill in triplicate shall be prepared by concerned J.E (Civil), checked by AE (Civil) & EE (Civil) and be forwarded to Sr. Manager (F&A), BSPTCL, Patna for payment & with an information to SE (Civil) HQ Patna. The bill shall also be entered in service entry receipt in SAP module.
9. **Work-in-Charge:** - Work-in-charge for this work shall be EE (Civil), Transmission Civil Division, Chhapra and SE (Civil), Transmission Civil Circle, Chhapra at Division and Circle level respectively.
10. **Agreement:** - You have to execute an agreement within 15(Fifteen) days of issue of work order.
11. Test reports and checklist pertaining to brickwork, RCC, PCC etc as applicable, shall be submitted along with the bills.
12. **General Terms and condition:** - All the terms and condition enumerated in agreement & tender document shall apply for carrying out this work and contract.
13. This work order or its amendment, if any, will form a part of the agreement. All taxes shall be applicable and deducted as per rule.

The receipt of the acceptance may please be sent to this office immediately.

Yours faithfully,

(Anjani Kumar)
Chief Engineer (Civil)

Memo No 160 / Patna

Dated 17/04/2023

Copy forwarded to:- GM (F&A), BSPTCL Patna, ESE, Transmission Circle, Chhapra/ SE (C), Transmission Civil Circle, Chhapra/ Sr. Manager (F&A), BSPTCL/ EE (C), Transmission Civil Division, Chhapra for information and necessary action.

(Anjani Kumar)
Chief Engineer (Civil)

409

Proceeding of Special Technical Committee- Meeting of Bihar State Power Transmission Company Limited, Patna held on 27.05.2025 in the office of CE(Civil), BSPTCL.

Present:-

- | | | |
|--|---|--------|
| (i) Sri Anjani Kumar, CE(Civil), BSPTCL. | - | Member |
| (ii) Sri Deepak Kumar, CE(Civil), NBPCL. | - | Member |
| (iii) Sri Rambaboo Singh, CE(O&M), BSPTCL. | - | Member |

1. Proceeding of Special Technical Committee for Approval of Deviation of 11.12% for the work of Construction of Transmission Office Building (G+2) at GSS, Chhapra against NIT- No.- 02/PR/BSPTCL /2023/SI No. -01.

The Agenda was discussed in detail and being satisfied with the reasons of deviation. The STC recommends the deviation of 11.12% for the work of Construction of Transmission Office Building (G+2) at GSS, Chapra. against NIT-No.- 02/PR/BSPTCL/2022/SI No.-01. due to following reasons: -

- (i) Initially the estimation was done for an estimated cost of Rs. 5,82,62,100/- and the bid was invited accordingly.
- (ii) The detailed design and engineering done by the empanelled consultant led to increase in quantities of major civil items such as RCC, Reinforcement, false ceiling, tile works plaster work etc. subsequently the work value changed from Rs 4,90,43,114.00 to Rs. 5,44,97,918.

Hence, due to the above justifiable reasons **deviation of 11.12%** may be approved.

2. Proceeding of Special Technical Committee for Approval of Deviation of 12.718% for the work of Construction of Transmission Office Building (G+2) at GSS, Madhepura against NIT-No.- 02/PR/BSPTCL /2023/SI No.-02.

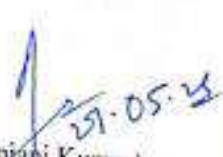
The Agenda was discussed in detail and being satisfied with the reasons of deviation. The STC recommends the deviation of 12.718% for the work of Construction of Transmission Office Building (G+2) at GSS, Madhepura. against NIT-No.- 02/PR/BSPTCL/2022/SI No.-02. due to following reasons: -

- (i) Initially the estimation was done for an estimated cost of Rs. 5,83,51,500/- and the bid was invited accordingly.
- (ii) The detailed design and engineering done by the empanelled consultant led to increase in quantities of major civil items such as RCC, Reinforcement, false ceiling, tile works plaster work etc. subsequently the work value changed from Rs 4,91,23,539 to Rs. 5,53,71,202.

Hence, due to the above justifiable reasons **deviation of 12.718%** may be approved.


27/05/2025
(Deepak Kumar)
Chief Engineer (Civil)


27.05.2025
(Rambaboo Singh)
Chief Engineer (O&M)


27.05.25
(Anjani Kumar)
Chief Engineer (Civil)

ESTIMATE FOR CONSTRUCTION OF TRANSMISSION OFFICE (6+2) BUILDING AT GSS CHHAPRA.

[illegible]

[illegible]

[illegible]

Sl. No.	Particulars	Unit	Qty	Rate	Amount	Tax	Tax Amount	Total	Remarks
1	100 kg of 100% pure...	kg	100	100.00	100.00	0.00	0.00	100.00	
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Deviation of 11.12% may be approved as per 17th Revision

ANJANA KUMAR
AE (C) BSPTCL

Kumar Chaitanya
AE (C) BSPTCL

Rakesh Rajivraj Kumar
AE (C) BSPTCL

AE (C), B.S.P.T.C.L.
19.05.2019



BIHAR STATE POWER TRANSMISSION COMPANY LIMITED

A subsidiary company of Bihar State Power Holding Company Ltd. Patna
CIN-1711000R2012NG001889

[SAVE ENERGY FOR BENEFIT OF SELF AND NATION]

Head Office, 1 Adyar Bhawan, Bailey Road, Patna-800021

Email address- civil_dept@bptcl.bihar.gov.in

Website- www.bptcl.in

Work order no. 07 / CIVIL,
CE(C)/Trans/1184/2022

Dated 17/04/2023

From:

Anjan Kumar
Chief Engineer (Civil)

To

M/s Jai Bajrang Construction,
Vill.-Parwa, Nokha, Rohtas-802215.
Email- bajrangsingh869@gmail.com

Sub: - Work order for "Construction of Transmission office (G+2) building at GSS Madhepura."

Ref: - (i) NIT No- 02/PR/BSPTCL/2023/2.
(ii) Your letter dt. - 10.04.2023.

Sir,

With reference to the above, undersigned is pleased to place an order with you for the above work on the terms and conditions enumerated below:-

1. **Scope of work:** - Construction of Transmission office (G+2) building at GSS Madhepura.
2. **Value of work:** - The value of the above work is Rs. 4,91,23,539/- (Four Crore Ninety One Lacs Twenty Three Thousand Five Hundred Thirty Nine) only which has been quoted against the final estimated cost i.e. Rs. 5,83,51,500/- (Five Crore Eighty Three Lacs Fifty One Thousand Five Hundred) only. The above cost is including GST @ 18% and other taxes etc.
3. **Quoted Rate:** - Your quoted rate is 10% (Ten percent) below for SOR items and Rs. 82,70,024/- (Rupees Eighty Two Lacs Seventy Thousand Twenty Four) only for Non-SOR items.
4. **Security Deposit:** - You had to submit total Security Deposit @ 10% of the work value out of which already deposited EMD vide UTR/ Remittance No. - BKIDH23041527888, dt.-10.02.2023 of Rs. 11,67,800/- (Eleven Lacs Sixty Seven Thousand Eight Hundred) only has been accepted for @2% of order value i.e. Rs. 9,82,471/- (Nine Lacs Eighty Two Thousand Four Hundred Seventy One) only as Performance Security on your request. Balance 8% will be deducted from your running bills.
5. **Release of Security deposit:** - On completion of the whole of the work, half of the total amount of security shall be repaid to the contractor after six months of completion. However, the balance half of the total amount of security will be returned after completion of defect liability period and after the Engineer-in-charge has certified that all defects notified by him to the contractor before the end of this period have been corrected and also after recovery of any dues.
6. **Completion time:** - 12 (Twelve) Months from the date of issue of work order or the handover of site, whichever is later.
7. **Defect Liability Period:** - Defect liability period shall be 03 (Three) years after completion of work

P.T.O.

8. **TERMS OF PAYMENT:** - The paying authority will be Sr. Manager (F&A), BSPTCL, Patna. The bill in triplicate shall be prepared by concerned J.E (Civil), checked by AE (C) & EE(C) and it will be forwarded to Sr. Manager (F&A), BSPTCL, Patna for payment & with an information to SE(Civil), Patna. The bill shall also be entered in service entry receipt in SAP module.
9. **Work-In-Charge:** - Work-in-charge for this work shall be EE (Civil), Transmission Civil Division, Madhepura and SE (Civil), Transmission Civil Circle, Madhepura at Division and Circle level respectively.
10. **Agreement:** - You have to execute an agreement within 15(Fifteen) days of issue of work order.
11. Test reports and checklist pertaining to brickwork, RCC, PCC etc. as applicable, shall be submitted along with the bills.
12. **General Terms and condition:** - All the terms and condition enumerated in agreement & tender document shall apply for carrying out this work and contract.
13. This work order or its amendment, if any, will form a part of the agreement. All taxes shall be applicable and deducted as per rule.
The receipt of the acceptance may please be sent to this office immediately.

Yours faithfully,

(Anjani Kumar)
Chief Engineer (Civil)

Date 17/04/2023

Memo No 161 / Patna

Copy forwarded to:- GM (F&A), BSPTCL Patna/ ESE, Transmission Circle, Madhepura / SE(C), Transmission Civil Circle, Madhepura / Sr. Manager (F&A), BSPTCL/ EE (C), Transmission Civil Division, Madhepura for information and necessary action.

(Anjani Kumar)
Chief Engineer (Civil)

DEVIATION STATEMENT FOR CONSTRUCTION OF TRANSMISSION OFFICE (G+2) BUILDING AT GSS MADHEPURA.

S. No.	Description	Unit	As per agreement			1st Amendment/Actual			2nd Amendment/Actual			Difference		Percentage
			Unit Rate (in Rs)	Quantity	Amount (in Rupees)	Quantity	Amount (in Rupees)	Quantity	Amount (in Rupees)	Quantity	Amount (in Rupees)	Quantity	Amount (in Rupees)	
SUB: EARTH WORK														
1	Back work in foundation trenches at 1:1 ratio including 1/10th width for 100 mm (or 150 mm) including filling of sides and leveling of bottom, left up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a limit of 55 m.	cum	380.70	1232.38	4,68,523.00	1215.248	4,63,59,95.56	1235.251	4,68,442,03.57	-17.14	-6,182,05.73		-1,39,071.26	
2	Excavation for every additional 10% of 1.5 m or part thereof in 10 kinds of soil	cum	49.40	492.96	24,352.00	486.078	24,013.2412	480.1	24,013.24	-5.96	-55,854		-1,39,071.26	
3	Excavation for every additional 10% of 1.5 m or part thereof in 10 kinds of soil	cum	123.90	363.46	94,615.00	355.7	92,204.23	355.7	92,204.23	81.75	7680.825		8,08,298.724	
4	Excavation for every additional 10% of 1.5 m or part thereof in 10 kinds of soil	cum	287.50	347.18	99,745.00	347.18	99,744.314	347.18	99,744.314	864.7	2,46,628.31		1,48,06,586.2	
5	Excavation for every additional 10% of 1.5 m or part thereof in 10 kinds of soil	cum	49.10	125.90	6,138.00	125.90	6,137.5	125	6,137.5	0.00	0		0	
6	Excavation for every additional 10% of 1.5 m or part thereof in 10 kinds of soil	cum	49.10	125.90	6,138.00	125.90	6,137.5	125	6,137.5	0.00	0		0	
7	Excavation for every additional 10% of 1.5 m or part thereof in 10 kinds of soil	cum	49.10	125.90	6,138.00	125.90	6,137.5	125	6,137.5	0.00	0		0	
SUB: MASONRY WORK														
8	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	4,921.00	284.96	14,03,878.00	284.96	14,02,638.00	289.843	14,30,007.089	-25.12	-26,868.991		-26,868.991	
9	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	842.20	254.41	2,14,264.00	254.41	2,14,264.103	259.843	2,16,725.746	-44.57	-5,703.643		-17,177.863	
10	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	842.20	254.41	2,14,264.00	254.41	2,14,264.103	259.843	2,16,725.746	-44.57	-5,703.643		-17,177.863	
11	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	842.20	254.41	2,14,264.00	254.41	2,14,264.103	259.843	2,16,725.746	-44.57	-5,703.643		-17,177.863	
12	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	842.20	254.41	2,14,264.00	254.41	2,14,264.103	259.843	2,16,725.746	-44.57	-5,703.643		-17,177.863	
SUB: CONCRETE WORK														
13	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	842.20	254.41	2,14,264.00	254.41	2,14,264.103	259.843	2,16,725.746	-44.57	-5,703.643		-17,177.863	
14	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	842.20	254.41	2,14,264.00	254.41	2,14,264.103	259.843	2,16,725.746	-44.57	-5,703.643		-17,177.863	
15	Back work with 1/4" thick brick at per 15 (2004/2007) A 15	cum	842.20	254.41	2,14,264.00	254.41	2,14,264.103	259.843	2,16,725.746	-44.57	-5,703.643		-17,177.863	

32	Providing and fixing 12 mm thick fireproof toughened glass door slabs of approved brand and specification, including providing and fixing up all bottom pivot & spring type fixing arrangement and making necessary holes etc. for door. Required door Slabs: 48 complete in per direction of Project-Exchange (Over handle, lock and stopper etc to be supplied by client)	sqm	5.14(1.00)	49.68	2,35,504.96	49.68	255504.24	21.75	110999.25	-27.93	-163844.99	-16.3108068
33	Providing and fixing S.S. sliding door bolts (addition) with nut and screws etc. complete.	each	496.55	24.00	11,917.20	24.00	11917.2	59	10385.43	15.00	7448.15	43.5
34	Providing and fixing S.S. door lock with necessary screws etc. complete.	each	494.26	23.00	11,267.32	23.00	11267.32	39	18975.36	16.00	7927.84	69.56511759
35	Providing and fixing S.S. handles "D" type with required fixings (Screws) complete.	each	1,400.84	46.00	64,438.64	46.00	64638.64	78	109385.52	52.00	44826.88	69.56511759
36	Providing and fixing S.S. hanging floor door stopper with necessary screws etc. complete.	each	468.42	23.00	10,771.66	23.00	10517.66	33	17448.36	16.00	7174.72	69.56511759
37	Providing and fixing S.S. sliding roller belt with required fixings (Screws) complete.	each	414.82	23.00	9,540.86	23.00	9540.86	39	16177.98	16.00	6857.32	69.56511759
38	Providing and fixing S.S. sliding roller belt with required fixings (Screws) complete.	each	267.27	25.00	6,681.75	25.00	6681.75	39	10423.53	14.00	3741.78	26
TOTAL FOR WOOD & ALUMINIUM WORK:-												
39	Providing and fixing 18 mm thick gang saw cut, narrow profiled, pre-stressed and pre-painted, machine cut floor system platform, vanity corners, window sills, fascia and under locations of required pre-approved finish, colour and texture laid over 25 mm thick base concrete mortar 1:4 (1 cement / 1 coarse sand), joints coated with white cement, filled with matching pigment, epoxy resin up to include rolling, cutting, moulding and polishing to edges to give high gloss finish etc. complete at all levels.	sqm	1,241.96	41.70	1,26,931.43	41.70	126931.432	40.09	170050.2464	-3.45	-6845.1056	-3.86091127
40	Providing edge moulding (12 mm thick maple, rose, teak, veneer etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Architectural Change.	sqm	265.10	22.50	5,965.25	22.50	5832.25	247.8	64452.78	225.30	50650.53	1001.313333
41	Extra for fixing marble / Granite stone over wall above compressed basic iron, in floor and doors of width upto 150 mm with epoxy resin bond (Araldite or equivalent) adhesive including detailing etc. complete.	m	279.60	22.50	6,286.50	22.50	6286.5	5.85	1034.49	-16.65	-4452.01	-74
42	Extra for providing opening of required size & shape for wash basins / kitchen sink in kitchen platform, vanity corners and under locations in marble/stone work, including necessary holes for pillar taps etc. including rolling and polishing of cut marble etc. complete.	opening	478.20	14.00	5,904.80	14.00	5994.8	14	5994.8	0.00	0	0
43	Providing and fixing, polished Granite stone flooring as required design and pattern, in large as well as cubicles, portions of the kitchen etc. complete as per the architectural drawings with 12 mm thick stone slab over 20 mm (concrete) back base of concrete mortar 1:4 (1 cement / 4 coarse sand) and jointed with epoxy resin and pointing with white cement slurry advised with pigments of matching shade including rolling, cutting and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.											
4	Polished Granite stone slab on Black, Cherry Red, Blue, Brown, etc. etc. as indicated.	sqm	3,605.20	132.52	4,77,761.10	132.52	477761.104	115.22	415291.144	-17.90	-62989.96	-13.0546337
TOTAL FOR MARBLE/STONE WORK:-												
TOTAL FOR FLOORING WORK:-												