

**PURCHASE ORDER**

<b>M/s SHYAM INDUS POWER SOLUTIONS P.LTD.</b> GSTN No.: 07AAICS3625E1ZH TRANSPORT CENTRE Vendor Code : 4400297 BA Contact Person : BA Contact No. :	PO No. : 3200134263 Release Date : 18.10.2023 Contact Person : Aman Kumar Contact No. :
Consignee Address Tata Power Delhi Distribution Limited TPDDL CEN-Store, Opp. C-2 Block, Keshavpuram Delhi 110035 GSTN No. : 07AABCN6808R1ZV	References : Scheme no- PR/D0000/00190

**Subject :** RO for bay extension works for Bay extension jobs at PP-3 grid against schme no-PR/D0000/00190.

Dear Sir,

This has reference to the above mentioned correspondence on the subject. We are pleased to place an order with you as under.

- (i) Schedule of items / quantities/ Rates : Annexure I Attached [ ]  
(ii) Special Conditions of the Contract : Annexure II Attached [ ]

**Total PO Value : 6269696.13 INR ( SIXTY TWO LAKH SIXTY NINE THOUSAND SIX HUNDRED NINETY SIX RUPEES THIRTEEN PAISE)**

**Completion By :**

**Order Acceptance:**

Kindly acknowledge receipt and acceptance of this Purchase order by signing, stamping and returning one copy to us within next five working days. Simultaneously please arrange submitting required documents/drawings, if any, as well as Security Deposit as stipulated vide above referred contract enclosures.

**For Tata Power Delhi Distribution Limited**

**AUTHORIZED SIGNATORY**

Name :  
Designation :  
Contact No. :  
E-mail id :

**Important Note:-** 1. In case of any discrepancies between the stipulation in General Conditions of the Contract (GCC), given by the original order and Special Conditions of Contract (SCC), the GCC shall stand superseded by the SCC to the extent stipulated herein above while balance portion of respective clauses of GCC shall continue to be applicable.

Encl: as above

2. This document does not assure or warrant as regards the measurement of performance, non-performance or short performance by the party named as contracting party herein other than TPDDL in relation to the supplies/services or works involved and the same may not be read in support of any contended right or assertion made by such party in relation thereof unless supported with relevant performance certificate issued by TPDDL.

**Tata Power Delhi Distribution Limited**  
**(A Tata Power and Delhi Government Joint Venture)**  
NDPL House, Hudson Lines, Kingsway Camp, Delhi-110009  
Tel 91-11-66112222-31 Fax 91-11-27468042  
CIN No.: U40109DL2001PLC111526  
Email: TPDDL@tatapower-ddl.com, Website: www.tatapower-ddl.com

**Status of bills submitted by Business Associates at BIRD counter against our Purchase Orders/ Contracts can now be viewed at our website [www.tatapower-ddl.com](http://www.tatapower-ddl.com)**

**Annexure I**

**Schedule of Item/ Quantities/ Rate**

Sr No	Material Code Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Other Charges	Amount INR
1.000	Electrical works 1 Year							
1.001	ITC-60kV 10KA LA	998736	3	EA	5,417.43	18		16,252.29
	ITC of 60KV,10KA, heavy duty, station class, lightning arrester including laying & connecion of 1CX50 sqmm copper flexible cable with LA surge counter. This item includes jumpering/connections.							
1.002	LTC-4Cx2.5sqmm Cu 1100 V grade Cable	998736	250	M	62.51	18		15,627.50
	Installation, Testing & Commissioning of Control Cable of 4Cx2.5sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured, stranded control cables of 4 core 2.5 sqmm							
1.003	LTC-12Cx2.5 sqmm Cu 1100 V grade cable	998736	250	M	62.51	18		15,627.50
	Installation, Testing & Commissioning of Control Cable-12Cx2.5 sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured, stranded control cables of 12 core 2.5 sqmm							
1.004	LTC-19Cx2.5 sqmm Cu 1100 V grade cable	998736	250	M	79.18	18		19,795.00
	Installation, Testing & Commissioning of Control Cable-19Cx2.5 sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured, stranded control cables of 19 Core 2.5 sqmm							
1.005	LTC-6Cx4 sqmm Cu 1100 V grade cable	998736	250	M	62.51	18		15,627.50
	Installation, Testing & Commissioning of Control Cable-6Cx4 sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured,							

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
	stranded control cables of 6Core 4 sqmm							
1.006	LTC-2Cx6 sqmm Cu 1100 V grade cable	998736	300	M	62.51	18		18,753.00
	Installation, Testing & Commissioning of Control Cable-2Cx6 sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured, stranded control cables of 2 Core 6 sqmm (For D.C.)							
1.007	LTC-4Cx16 sqmm Al cond cable 1100 V grad	998736	200	M	62.51	18		12,502.00
	Installation, Testing & Commissioning of 1.1KV 4Cx16 sqmm Al cond cable 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured, stranded control cables of 4 Core x 16 sqmm (Aluminum)							
1.008	Transportation of various items	998736	1	EA	9,796.00	18		9,796.00
	Transportation of various items from stores to site or from site to site or from site to store including loading and unloading: with tempo 709/410							
1.009	SITC of flexible steel pipe	998736	50	M	208.36	18		10,418.00
	SITC of flexible steel pipe for providing extra safety to control cable sizes upto 30 mm diameter.							
1.010	SITC-Fire Dry powder chemical type 25 kg	998736	1	EA	39,588.88	18		39,588.88
	SITC of Fire Extinguishers Dry powder chemical type 25 kg. For power transformer							
1.011	SITC-Fire Exting. ABC Type 6 Kg	998736	2	EA	12,085.03	18		24,170.06
	SITC of ISI marked Fire Extinguishers -ABC Type 6 Kg for Switch room and other locations (IS:13849) Approved Make : Ceasefire / Minimax / Safex							
1.012	SITC-Sand Bucket along with stand	998736	1	EA	14,335.34	18		14,335.34
	SITC of Sand Bucket along with stand(8 buckets)							



Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
1.013	SITC of D/C glands and terminations (di	998736	30	EA	1,583.56	18		47,506.80
	SITC of Double compression glands and terminations (including ferruling, suitable Cu Lugs to meet the system requirements) for 1100V grade PVC insulated multicore Copper stranded conductor control cables of the sizes (diameter between 12mm to 18mm ). EA means for each cable both ends							
1.014	SITC of D/C glands and terminations (di	998736	30	EA	3,109.00	18		93,270.00
	SITC of Double compression glands and terminations (including ferruling, suitable Cu Lugs to meet the system requirements) for 1100V grade PVC insulated multicore Copper stranded conductor control cables of the sizes (diameter between 18mm to 24mm ) EA means for each cable both ends							
1.015	SITC of D/C glands and terminations (di	998736	30	EA	3,459.00	18		103,770.00
	SITC of Double compression glands and terminations (including ferruling, suitable Cu Lugs to meet the system requirements) for 1100V grade PVC insulated multicore Copper stranded conductor control cables of the sizes (diameter more than 24mm) EA means for each cable both ends							
1.016	SITC of GI Structural Steel (Gantry Towe	998736	2	TON	132,935.28	18		265,870.56
	Supply, Installation/erecting ,testing & commissioning of GI structural steel material(for all gantry tower, beam and equipments) Supply, Fabrication and installation of galvanized steel required forcable mounting structure, tower mounting structure, LA installation, drain crossing structure etc, where ever required as per approved drawing including nuts, bolts, washer & clamps.							
1.017	SITC of ( 75 x 12 mm GI flat)	998736	250	KG	145.85	18		36,462.50
	Supply, Installation ,testing & commissioning of ( 75 x 12 mm G I flat) Main Earth mat, Aux Earth mat & Earthing Risers for Main Equipments & structures etc ( 75 x 12 mm G I flat). This item includes required earth excavation for laying earth flat							

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
	including weilding etc.if required.							
1.018	SITC of ( 50 x 6 mm GI flat)	998736	250	KG	140.02	18		35,005.00
	Supply, Installation ,testing & commissioning of (50x6 GI flat) Aux earth material Earthing conductor for connection of , L.T panel, Junction box, & building Lightning risers & peak Connection etc. Thisitem includes required earth excavation for laying earth flat. including weilding etc.if required.							
1.019	SITC of ( 50 x 6 mm CU flat)	998736	50	M	3,250.00	18		162,500.00
	Supply, Installation ,testing & commissioning of 50x6mm cu flat for Transformer neutral earthing with 50x6mm copper flat. This item includes required earth excavation for laying earth flat. This item excludes brazing activity.							
1.020	SITC-Earthing 100 mm dia GI pipe-6 m	998736	1	EA	29,000.00	18		29,000.00
	Supply, Installation ,testing & commissioning of 100 mm dia GI pipe-6 meter length earth electrode with treated earth Pit heavy class with Treated Earth Pits. With earth enhancement material as per IEEE80:2000,14.5(D). This item includes civil goomties required for earth pit as per TATA Power-DDL standard earthing philosophy and specification. Earth Enhancement material approval is mandatory before erection activity.							
1.021	SITC-Earthing 100 mm dia GI pipe-3m	998736	6	EA	22,000.00	18		132,000.00
	Supply, Installation ,testing & commissioning of 100 mm dia GI pipe-3 meter length earth electrode with treated earth Pit heavy class with Treated Earth Pits. With earth enhancement material as per IEEE80:2000,14.5(D). This item includes civil goomties required for earth pit as per TATA Power-DDL standard earthing philosophy and specification. Earth Enhancement material approval is mandatory before erection activity.							

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
1.022	SITC-HDPE Pipe Size 100 mm dia PN-4 PE80	998736	20	M	930.00	18		18,600.00
	Supply, Installation ,testing & commissioning of HDPE Pipe Size 100 mm dia (PN-4 PE80) as per TATA Power-DDL specifications.							
1.023	SITC-HDPE Pipe Size 200 mm dia PN-4 PE80	998736	10	M	1,566.00	18		15,660.00
	Supply, Installation ,testing & commissioning of HDPE Pipe Size 200 mm dia (PN-4 PE80) as per TATA Power-DDL specifications							
1.024	SITC of asset numbering-per PTR Bay	998736	1	LOT	31,254.38	18		31,254.38
	SITC of asset numbering Drawing approval to be taken as per rules before erecting activity. Danger board are to be provided on fencing near the entry gates & at adistance of every 5 meters and turns on a height of 2.6 meters. Complete identification of all the assets/equipment#, RCC cable trench cover there marking in the approve color and numbering to be done withdetailed description of the asset as per the requirement of project in-charge. This includes Supply of paints and other required material to complete the activity. (This item shall be paid per PTR Bay/ Line Bay,)							
1.025	SITC-LED 120W luminarie	998736	1	EA	7,084.33	18		7,084.33
	Supply, Installation ,testing & commissioning Installation of LED 120W luminarie with required fittings and accessories as per TATA Power-DDL specifications.							
1.026	SITC-cable cleat (HDPE) size up to 100mm	998736	3	EA	1,541.88	18		4,625.64
	Supply, Installation ,testing & commissioning of cable cleat (HDPE) size up to 100mm							
1.027	SITC- Structural steel work welded	998736	2	TON	110,000.00	18		220,000.00
	SITC of all the items required for successful Errection,testing and commissioning of Structural steel work welded in built up sections, trusses							



## TATA POWER-DDL

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
	and framed work, including cutting, hoisting, fixing in position and Structure shall be painted with one coat of red oxide and two coat of Al paint as required. As per standard.							
1.028	ITC- SF6 Circuit Breaker- 66kV	998736	1	EA	37,088.53	18		37,088.53
	Installation ,testing & commissioning of 72.5KV ,1600A, 25KA for 3 sec, SF6 Circuit Breaker, 3 Ph gang operated complete with operating mechanism, GI structure, grouting works and other accessories as per the approved drawing. All the Electrical and mechanical interlock of breaker should be available in working condition and should be checked before commissioning. The duty cycle of CBs installed in 66 kV System of the Concessionaire shall be #O-0.3 sec-CO-3 min-CO#. This line item includes jumpering/connections. this item also includes ITC of castle key & interlocking arrangement for breakers & isolators supplied with the equipment.							
1.029	ITC-66kV ISOLATOR-W/O Earth SWITCH	998736	2	EA	15,252.14	18		30,504.28
	Installation ,testing & commissioning of 72.5KV, 3 Ph gang operated , Manual Operated, Center Break Disconnecter (Isolator) with solid core post insulator.-Without earth switch with gear box arrangement and other accessories including jumpering/connections. this item also includes ITC of castle key & interlocking arrangement for breakers & isolators supplied with the equipment.							
1.030	ITC-66kV ISOLATOR-With Earth SWITCH	998736	1	EA	15,252.14	18		15,252.14
	Installation ,testing & commissioning of 72.5KV ,3 Ph gang operated , Manual Operated, Center Break Disconnecter (Isolator) with solid core post insulator.-With earth switch with gear box arrangement and other accessories including jumpering/connections. this item also includes ITC of castle key & interlocking arrangement for breakers & isolators supplied with the equipment.							



Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
1.031	ITC of 66KV O/D CT	998736	3	EA	7,376.03	18		22,128.09
	ITC of 72.5KV Out door single phase current transformers including lumping/connections.							
1.032	ITC of 66KV O/D PT	998736	3	EA	7,376.03	18		22,128.09
	ITC of 72.5KV Out door type, single phase voltage transformer to be used as line PT/bus PT.This items includes lumping/connections.							
1.033	Stringing of ACSR conductor and its conn	998736	75	M	90.00	18		6,750.00
	Stringing of ACSR conductor and its connection with bus ACSR conductor and those equipment which are not covered under other line items of tender BoM.							
1.034	SITC-Fire barriers at cable entry/exit	998736	1	M2	14,001.96	18		14,001.96
	Supply of Fire barriers at cable entrances in control room ( EA means each entry) for 4 hrs rating as per TATA Power-DDL specifications							
1.035	SITC-Perfor-type cable trays 300x100 mm	998736	20	M	1,350.00	18		27,000.00
	Supply and Installation of Sheet steel (thickness 2.5 mm) Galvanized perforated type cable trays with its accessories to be laid in outdoor and indoor cable trenches ( of following various sizes )300x100 mmperforated type							
1.036	SITC-Perfor-type cable trays 600x100 mm	998736	20	M	1,800.00	18		36,000.00
	Supply and Installation of Sheet steel (thickness 2.5 mm) Galvanized perforated type cable trays with its accessories to be laid in outdoor and indoor cable trenches ( of following various sizes )600x100 mmperforated type							
1.037	SITC-Perfor-type cable trays 150x100 mm	998736	20	M	1,100.00	18		22,000.00
	Supply and Installation of Sheet steel (thickness 2.5 mm) galvanized							



Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
	perforated type cable trays with its accessories to be laid in outdoor and indoor cable trenches ( of following various sizes )150 x100 mmperforated type							
1.038	SITC-Bay marshalling kiosk	998736	1	EA	120,850.25	18		120,850.25
	Supply, Installation ,testing & commissioning of Bay marshalling kiosk made of 2.5 mm. Thick sheet steel , IP 55 enclosure protection as per specification.							
1.039	SITC- CT/PT Junction Box	998736	1	EA	26,670.40	18		26,670.40
	Supply, Installation ,testing & commissioning of CT/PT Junction Box of 2.5 mm thick sheet steel, IP 55 enclosure protection as per specification.							
	<b>Service Subtotal</b>							1,795,476.02
	<b>Services Total</b>			INR		18.000		
	<b>Item Total</b>			INR				<b>2,118,661.70</b>
2.000	Civil works 1 Year							
2.001	Demolishing cement concrete: 1:4:8	998736	5	M3	2,333.66	18		11,668.30
	Demolishing cement concrete manually/ by mechanical mEAns including disposal of material within 50 metres lEAd as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or lEAner mix (i/c equivalentdesign mix)							
2.002	Demolishing R.C.C. work manually	998736	10	M3	2,667.04	18		26,670.40
	Demolishing R.C.C. work manually/ by mechanical mEAns including stacking of steel bars and disposal of unservicEable material within 50 metres lEAd as per direction of Engineer - in- charge.							
2.003	Demolishing brick work manually	998736	10	M3	2,208.64	18		22,086.40
	Demolishing brick work manually/ by							

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
	mechanical mEAns including stacking of servicable material and disposal of unservicable material within 50 metres IEAd as per direction of Engineer-in-charge. In cement mortar							
2.004	Earth work in excavation in all kinds	998736	310	M3	380.00	18		117,800.00
	EAarth work in excavation in all kinds of soil by mechanical mEAns (Hydraulic excavator) / manual mEAns including dressing of sides and ramming of bottoms including dewatering (both for sub-soil water& rainwater) wherever required by mEAns of suitable capacity of pump & pipe lines during excavation, concreting & also keeping the arEA dry till the construction is over including close timbering including strutting,shoring and packing cavities (wherever required) etc. complete and disposal of excavated EAarth IEAd upto 50m and lift upto 1.5m, disposed EAarth to be levelled and nEAatly dressed							
2.005	Extra for every additional lift of 1.5 m	998736	5	M3	100.00	18		500.00
	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials. All kinds of soil.							
2.006	Filling available excavated EAarth	998736	310	M3	200.00	18		62,000.00
	Filling available excavated EAarth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating EAach deposited layer by ramming and watering, IEAd up to50 m and lift up to 1.5 m.							
2.007	P&L position cement concrete 1:3:6	998736	6	M3	6,596.00	18		39,576.00
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (Zone - III) : 6 graded stoneaggregate 20 mm nominal size).							
2.008	P&L position cement concrete 1:4:8	998736	15	M3	7,500.00	18		112,500.00
	Providing and laying in position							



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	cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (Zone - III) : 8 graded stone aggregate 40 mm nominal size).							
2.009	P&L REAdy mixed M-25 upto plinth level	998736	71	M3	11,000.00	18		781,000.00
	Providing and laying in position REAdy mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all IEAds, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C.from transit mixer to site of laying, excluding the cost of centering, shuttering finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (Note :-Min. Cement content shall be 350 KG/M3.) All works upto plinth level.							
2.010	P&L reinforced cement concrete 1:1.5:3	998736	10	M3	12,200.00	18		122,000.00
	Providing , hoisting and fixing precast reinforced cement concrete 1:1.5:3 (1 cement : 1.5coarse sand : 3 graded stoned aggregate 20mm nominal size) in Cable Trench covers/Lintels including cost of centering, shuttering and finishing with nEAt cement punning on top surfaces (excluding reinforcement)							
2.011	Centering and shuttering Foundations, fo	998736	85	M2	400.00	18		34,000.00
	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Foundations, footings, bases of columns, etc. for mass concrete.							
2.012	Centering and shuttering Walls (any thic	998736	420	M2	600.00	18		252,000.00
	Centering and shuttering including strutting, propping etc. and removal of							



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	form for all heights : Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.							
2.013	Centering and shuttering Columns, Pillar	998736	50	M2	550.00	18		27,500.00
	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts for all heights.							
2.014	Steel reinforcement for R.C.C. work	998736	9,000	KG	98.00	18		882,000.00
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete at all levels. Thermo-Mechanically TrEAted bars.							
2.015	Steel work welded in built up sections	998736	3,600	KG	120.00	18		432,000.00
	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, trEAds, landings etc. of stair cases, including use of chequered plate wherever required, all complete.							
2.016	Painting with synthetic enamel paint of	998736	130	M2	191.69	18		24,919.70
	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.							
2.017	12 mm cement plaster of mix for all heig	998736	75	M2	375.05	18		28,128.75
	12 mm cement plaster of mix for all heights: 1:4 (1 cement: 4 fine sand)							
2.018	15 mm cement plaster on the rough side o	998736	75	M2	441.73	18		33,129.75
	15 mm cement plaster on the rough side of single or half brick wall of mix for all heights: 1:4 (1 cement: 4 fine sand)							

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
2.019	Finishing walls with water proofing ceme	998736	85	M2	261.00	18		22,185.00
	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 KG/10 M2).							
2.020	Supplying chemical emulsion in sEAled co	998736	125	M2	150.00	18		18,750.00
	Supplying chemical emulsion in sEAled containers including delivery, diluting and applying for antiweed trEAtment in yard as specified by manufacturer. ( E )							
2.021	Disposal of building rubbish / malba / s	998736	30	M3	458.40	18		13,752.00
	Disposal of building rubbish / malba / similar unservicEable, dismantled or waste materials by mechanical mEAns including loading, transporting, unloading to approved municipal dumping ground or as approved byEngineer-in-charge, for all loads including all lifts involved.							
2.022	Distempering with oil bound washable	998736	5	M2	375.05	18		1,875.25
	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer.							
2.023	NEAt cement punning	998736	15	M2	133.35	18		2,000.25
	NEAt cement punning							
2.024	Brick work Cement mortar 1:6 in superstr	998736	18	M3	7,751.09	18		139,519.62
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarsesand)							
2.025	P&L C.C in brick ballast 1:6:12	998736	13	M3	5,500.00	18		71,500.00
	Providing & Laying C.C in brick ballast in 1:6:12 (1 Cement : 6 Coarse Sand :							



Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
	12 Brick aggregate) mix. ( E )							
2.026	S&L 150 mm thick m/c crushed 20 mm good	998736	19	M2	500.00	18		9,500.00
	Supplying and laying 150 mm thick machine crushed 20 mm good quality blue stone aggregates uniformly sprEAd and compacted.							
2.027	P&F galvanized steel chain link	998736	15	M2	1,028.00	18		15,420.00
	Providing and fixing galvanized steel chain link fencing with 75 mm mesh size, 3.15 mm dia mesh wire conforming to IS:2721, MS stirrups wire 2.5 mm dia with tying wire 1.6 mm dia mild steel including providing 25 mm x4.75 mm MS stretcher bars, eye bolt strainers, ring nuts, hair pins, staples of 3.5 mm wire, cIEAts of MS angle 75 x 60 x 6 mm, MS droppers 25 mm x 4.75 mm with 38 mm x 4.85 mm half round staples etc., completedas per drawings and specified as directed. (Flat, angle etc will be paid separately).							
2.028	Brick work Cement mortar 1:6 in foundati	998736	11	M3	7,167.67	18		78,844.37
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)							
2.029	Collecting, stacking , screening & respr	998736	18	M3	1,500.00	18		27,000.00
	Collecting, stacking , screening & resprEAding of existing yard gravel stone.							
2.030	Design & detailing of appropriate sizes	998736	36	EA	3,000.00	18		108,000.00
	Design & detailing, testing and installation of appropriate sizes of reinforcement anchorages or splices fixed into existing hardened concrete by injecting adhesives in drilled holes after cleaning of theholes to connect new reinforcement to existing walls and slab. BA shall visit the site and collect necessary details required for carrying out the work and submit complete proposal for TPDDL approval beforeexecution of work at site. (approved make HILTI) - 16mm							

**TATA POWER-DDL**

<b>Sr No</b>	<b>Material Description Details / Specifications</b>	<b>HSN / SAC Code</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate INR</b>	<b>GST %</b>	<b>Other Charges</b>	<b>Amount INR</b>
	<b>Service Subtotal</b>							3,517,825.79
	<b>Services Total</b>		INR			18.000		
	<b>Item Total</b>			INR				4,151,034.43
<b>Total PO Value (INR)</b>								<b>6,269,696.13</b>

## Annexure II

### Special Conditions Of Contract

Amendment 1:

1. Time Extension is approved upto 05-05-2024.
2. All other terms and conditions shall remain the same as earlier.

Original SCC

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#### 1) Completion Period:-

Completion Schedule for the electrical and civil & structural works including final commissioning shall be as per below from the date of issue of LOI/RO whichever is earlier as under. The completion period is in calendar months from the date of start. The start date shall be reckoned from the date of issue of LOI /RO whichever is earlier.

- a. PTR additional bay 33 & 66 KV Outdoor Grid- 7 Month from date of issue of LOI/RO.
- b. PTR Augmentation work at 33 kV or 66 kV Grid- 7 Month from date of issue of LOI/RO
- c. 66 or 33 kV Line Bay- 7 Month from date of issue of LOI/PO
- d. For other services like Dismantling, Loading, Unloading, Transportation, dragging of PTR and Erection of PTR related services for various site for TPDDL.- The completion period shall be decided at the time of ordering after discussion with user group.

Note: Above completion period shall be subject to site clearance, availability of outages, availability of free issue material and other commissioning activity linked with this job and executed by other associates (ie. Cap Bank, 66 kV C(>&<)>R Panel, 11 kV Panel etc.)

#### 2) Payment Terms & Conditions:

A. 80% of the RO price on Account Basis shall be paid against mechanical completion of supply & erection on prorata basis against monthly bills.

B. 20% payment of the RO price shall be paid after completion of acceptance test and Taking Over of the complete systems specified in the enquiry and after reconciliation & adjustment of payments, if any, towards Quantities of materials issued from purchaser's stock and consumed by the contractor for expeditious completion of the job. The Contractor shall submit all Operation & Maintenance manuals and #As Built Drawings# etc and shall also submit Equipment Warranty Bank



### Special Conditions Of Contract

Guarantee (EWBG) as per GCC. The validity of EWBG shall be for a period of 18 months from the date of taking over of the works. The associate shall also submit No Demand Certificate at the time of receipt of full and final payment.

#### 3) PBG:

BA shall initially submit a PBG for 5% of RC value valid till RC validity period plus one month.

After the expiry of RC validity, BA shall have to submit SPBG. However, the BA has the option to re-submit the SPBG as per actual RO (Release Order) value issued against the RC, valid for Guarantee Period plus one month.

The Guarantee Period shall be considered as per the last RO issued against the said RC. The original SPBG as submitted against the RC shall be released on submission of the new SPBG to Tata Power DDL.

Alternatively, BA may extend the validity of original SPBG only till the requisite period, i.e. Guarantee Period plus one month.

- The validity of this rate contract shall be 2 years from date of issuance. Initially, the proposed rates shall be valid for first year. However for second year, there will be an increment of 5% on first year item rates.

-The scope of supply items- includes design, Engineering, Manufacturing; testing, loading, unloading, transportation to site storage, preservation, insurance, along with supply of all accessories, tools, spares, O<(>&<)>M catalogs for successful ITC is in the scope of Bidder.

-Extra item shall be informed to TATA Power-DDL engineering team timely (before execution), else same may not be considered.

-Primarily layout of the job allotted shall be submitted by the bidder to TPDDL for approval. After approval of the same all the system engineering shall be done by TPDDL except the equipment drawings engineering which is in bidder scope. No extra cost shall be paid for this by TPDDL. Time lines for primarily layout is 14 days from the date of order. TATA Power-DDL will take upto 7 days to revert on the submitted drawing and 4 days for subsequent submissions.

-Real time video surveillance for monitoring the site and enhancing the safety during execution is must for each order (Line and PTR bay only). In failure of the same, 95000 INR shall be deducted from the PO/RO as penalty.

-Site work barricading (as per TATA Power-DDL safety practices) to be

**Special Conditions Of Contract**

provided.

-As-built drawings (hard+soft+Auto CAD) to be submitted by bidders after the completion of the works. No extra cost for the same to be paid by TATA Power-DDL. In failure of the same, necessary action shall be taken by TATA Power-DDL.

Guarantee period shall be 6 months from the date of HOTO.

GCC Composite will be applicable as per Tender-  
TPDDL/ENGG/ENQ/200001348/21-22.

All SCC, SLA and Scope of work as per Tender-  
TPDDL/ENGG/ENQ/200001348/21-22 shall be applicable and is annexed with this RC.

All other terms and conditions of this contract shall remain same as mentioned in tender no- TPDDL/ENGG/ENQ/200001348/21-22/ pre-bid queries/ corrigendum/ acceptable deviation if any.