

NOTICE INVITING TENDER

The Tata Power Company Limited Invites Tenders (Two-Part Bidding Process), from interested and eligible Vendors for the following Works required for its various Transmission Receiving Stations.

A. Summary of the tendered packages:

Tender Enquiry No.	Work Description	EMD (Rs.)	Tender Participation Fee (Rs.)	Last date and time for Payment of Tender Participation Fee*
CC27NK018	Balance of Plant (BOP) works required for various Transmission receiving station in and around Mumbai	1,50,000/-	Rs. 2,000/-	1500 Hrs. 19 th September 2026

Interested bidder is strongly advised not to wait by above time and purchase the tender immediately to get the link for bid submission. This will enable them to communicate/raise queries against the subject tender in time.

For additional technical details and Pre-qualification criteria for the subject works please refer section C below.

B. Guidelines for Participating:

Interested and eligible vendors can participate by submitting the following up to 1500 hours on **Saturday – 19th September 2026**.

1. Payment of non-refundable Tender Fee, as indicated in table above to be paid by direct deposit in following bank account

Beneficiary Name – The Tata Power Co. Ltd.

Bank Name – HDFC Bank Ltd.

Branch Name – Fort Branch, Mumbai

Address – Maneckji Wadia Building, Nanik Motwani Marg, Fort, Mumbai 400023.

Branch Code – 60

Bank & Branch Code – 400240015

Account No – 00600110000763

Account type – CC

IFSC Code – HDFC0000060

2. Submission of duly signed and stamped Authorization Letter indicating name of authorized person, contact number and e-mail id (mandatory) on Vendor's letterhead. The letter shall also mandatorily include payment details of Tender fee and Tender Reference no **CC27NK018**.

Authorization Letter along with proof of submission of tender fee should be e-mail to **Mr. Nithishkumar Kuppusami** (n.kuppusami@tatapower.com) and copy to **Ms. Vaishali Kachare** (vaishali.Kachare@tatapower.com)

Note: - Once the above-mentioned documents are received, detailed RFP shall be issued through our e-tender system.

3. It is clarified that Bid Guarantee/EMD as mentioned in section “A” above, is not required to be submitted at this stage, and it will be required to be submitted in the form of Bank guarantee at the time of Bid Submission.

C. Addition technical details: Prequalification Criteria (Technical & Commercial):

Pre-qualification Requirement Criteria			
1	2	3	4
S No	Parameter	Tata Power Requirement	Documents To be submitted by Vendor to ascertain meeting of Pre-qualification requirement
1	Bidders' technical capability to handle jobs detailed in the tender	Bidder should have minimum 03 years work experience in the field of electrical services for the following scope :- 1. Erection & Commissioning of GIS & AIS (110kV & above), MV GIS, Capacitor bank, station transformer and Protection panels etc. 2. Should have in-house engineering capability for site survey and preparation of Auto Cad drawing. 3. Laying & Termination of LV Power & Control cables. 4. Supply & Services for Lighting system, Modification in existing ACDB and DCDB and Supply & Services for AC and DC auxiliary system. 5. Bidder should have valid electrical contractor & supervisor license. 6. Bidder should have experience of Civil Works (such as Excavation, RCC, Reinforcement Works etc) especially for EHV Substation (110 kV and above).	Bidder to submit list of jobs and major order(s) executed including order copies (experience certificate validating the requirements). Bidder shall submit relevant documents meeting the desired criteria.
2	Qualification	Bidder's staff shall have minimum qualification as per the following: - 1. Supervisor should be B.E. / Diploma with 2 year work experience. 2. Electrical supervisory license holder with 2 year work experience. 3. Skilled technicians shall have ITI / Wireman license. Tata Power reserves the right to assess the person prior to carrying out the required services.	Bidder to submit the list of manpower with qualifications & experience certificate during bid submission.
3	Material / Services	Electrical accessories / material to be supplied by bidder shall be as per IS standards & will be approved by Tata Power.	Bidder shall submit documents during bid submission, certifying Make, Type etc of electrical accessories / material to be supplied.
4	Safety	The said package being High Risk Service job will undergo detailed Safety Evaluation. Bidder will have to qualify in various aspects like requirement of safety, officer, Tata Power skilled Development Institute (TPSDI) trained workmen, Certifications etc.	Safety Evaluation Requirement will be shared along with detailed RFQ documents.
5	Capability of Handle Job financially if awarded	Average Annual Turnover of the bidder for last 03 years shall not be less than INR 60 Lakhs.	Profit and Loss statement, Balance Sheet, Cash flow Statements for the three preceding financial years duly audited and approved by Authorized Audit Firm/ CA.

6	Site Visit	Bidder to carry out Site Visit & fully understand job scope. Bidder submitting bid without doing site visit shall be liable for rejection.	Undertaking from Divisional Manager regarding completion of Site Visit.
Note - 1) The Prequalification Criteria published along with the tender "In Section C.1 Techno-Commercial PQR" is the total & complete pre-qualification requirement for the tender and shall prevail over any other/additional pre-qualification requirement mentioned elsewhere in the tender. 2) Tata Power reserves the right to review and approve / reject the Bidder based on Document Submission. 3) In case the bidder has a previous association with any of the Tata Group companies for similar products and services, the performance feedback for that bidder by Tata Group companies shall only be considered for evaluation, irrespective of performance certificates issued by any third organization. 4) Apart from the above PQR bidder must also qualify in Safety evaluation. Details will be shared along with tender documents.			

Note: Above Pre-qualification details need not be submitted at this stage. These shall be required to be submitted along with bid submission. At this stage, Interested Vendors who fulfill above criteria need to participate in tender by paying tender fee and submitting authorization letter as detailed in section "B" above.

D. Price Bid Format: (BOM)

Bill of Material for Balance of Plant Equipment, System and Services for commissioning of AIS bay and associated Equipment FOR KALYAN RSS			
S.No	Item Description	Unit	Qty
	Extension of the existing bus(Main & Transfer Bus) is required at site to facilitate the installation of one (1) new 110 kV AIS bay at Kalyan.		
A	Supply & Services		
1	Supply , Services and installation of clamps & connectors required for AIS bays as per the site requirement .One spare of each type to be consider.	nos	100
2	Supply,Services and installation Tranasfer IPS Cu Tube 2" along with bending, brazing joints, V jumpers & connectors for complete bay (billing shall be done as per actual quantity installed)	Mtr	45
3	Supply,Services and installation Bay Bus IPS Cu Tube 1.25" along with bending, brazing joints, V jumpers & connectors for complete bay (billing shall be done as per actual quantity installed)	Mtr	130
4	Supply ,Services and installation Main Bus IPS Cu Tube 2.5 along with bending, brazing joints, V jumpers & connectors for complete bay (billing shall be done as per actual quantity installed)	Mtr	45
5	Supply and services of 2 Nos of CT marshaling box (Junction box) ,1 nos PT marshaling box (Junction box)along with accessories required for laying and termination of cables (As per site requirement).	Nos	3
6	Supply and installation, hardwares like GI nut bolts, washers & consumables like welding rod, cutting wheel, drilling equipment etc.Gland plate cutout, supply and installation of glands, lugs, ferrules as per Tata Power standard practice shall be in bidder's scope. Provision of control cable tags (steel plate with engraving) at both ends of control cables shall be in bidder's scope.	LOT	1
B	Earthing & Lighting		
	Supply, installation, testing and commisssioning of extended earthing system for both indoor and outdoor equipments of 1 nos of 110kV AIS bay at Kalyan.		
a	Treated earth pit - 3 mtr long, 20mm dia. solid copper rod laid along with 25mm dia. perforated HDPE pipe with funnel arrangement throughout the length for treating	nos	6
b	Extension of main earth mat via. 2 runs of 0.35 sq. inch stranded copper conductor (99% conductivity) and Miscellaneous earthing related work including	Lot	1

	excavation, backfilling, brazing, earth pit etc. as per specifications.		
c	At kalyan end - Supply of 1 nos of Lightning mast (LCLM) 30Mtr height with 2 mtr Cu rod spike over it & supply of 2 mtr Cu rod spike over existing A2 structure.	Lot	1
C	Services		
1	Loading, unloading, transportation within premises Kalyan ,proper preservation at site,storage & handling at site, Assembly, erection, installation, equipment structure installation, testing and commissioning, assistance for testing of Complete 1 no. 110kV bay equipment / System as per attached FQP, for free issued items as listed below.		
a	110kV Circuit breaker	Nos	1
b	110kV Current transformer	Nos	3
c	110kV Potential transformer	Nos	1
d	110kV Isolators with Earth Switch	Nos	1
e	110kV Isolators without Earth Switch	Nos	2
f	110kV Main and Transfer Bus - Bus post insulators	Nos	6
2	Services for laying, termination of power/ control cables (Control cables to be laid at Kalyan as per ICS from Tata Power)Laying ,termination of Control Cables (1.1kV, armoured, multistrand, FRLS, Copper) between AIS, protection panel, Automation panel etc.with required accesories .Cable will be laid in existing trenches .Services for assoiated same to be consider		
a	Laying and Termination of 1.1 kV,4C x 6 Sq.mm CU XLPE	meter	5000
c	Laying and Termination of 1.1kV ,4C x 2.5 Sq.mm CU XLPE	meter	500
d	Laying and Termination of 1.1kV ,14C x 2.5 Sq.mm CU XLPE	meter	6000
d	Laying and Termination of 1.1kV ,14C x 1.5 Sq.mm CU XLPE	meter	1000
f	Services for laying of serial cables and FO cable	meter	200
3	Laying, splicing and termination of free issue fiber & communication cables and communication as per requirement.	meter	350
4	Erection of Protection Panels along with associated material as per the site requirement		
4.a	CRP Panel	Nos	2
4.b	Service for Wiring modification in existing CRP and new CRP as per site requirement skill technical person .	LOT	1
5	Prepration of Interconnecting Cable Schedule (ICS) as per Tata Power Standard Format.Skilled technical person to prepare ICS	LOT	1
6	Survey of plot plan, preparation of plan and section drawing, EKD , as per site condition, revised SLD in Auto Cad format and Obtaining Electrical Inspector's approval for plan and section drawing of overall plot, including charging and Load service permission for AIS Bay	LS	1
7	Supply and installation of metal nameplates as per Tata Power standard requirement	nos	15
8	Services for any modification required for the existing 110 kV Kalyan–Kalwa bay, as per site requirements, shall be included in the bidder's scope of work.	LOT	1
9	Skilled/Non-Skilled manpower services miscellaneous for testing and commissioning activities other than mentioned in scope of work	Man days	50
10	Housekeeping and cleaning/removal of waste material like big rocks and excavated soil, solar panel pallets, plastic waste, wooden material & any other scrap material at sites shall be removed/disposed from plant. It is complete liability of contractor for disposing of material undisputedly outside the plant area.	LOT	1

Bill of Material for Balance of Plant Equipment, System and Services for commissioning of AIS bay and associated Equipment			
FOR CHOLA RSS			
S.No	Item Description	Unit	Qty

	Extension of the existing bus is required at site to facilitate the installation of one (1) new 110 kV AIS bay at Chola.Extension of existing B Bus to connect New AIS Bay .		
A	Supply & Services		
1	Supply, Services and installation of clamps & connectors required for AIS bays as per the site requirement .One spare of each type to be consider.	nos	80
2	Supply and services of 7 Nos of CT/PT marshaling box (Junction box) along with accessories required for laying and termination of cables (As per site requirement).	nos	7
3	Modification of existing structure of Chola end and installation of Main bus side isolator.	Lot	1
4	Supply and installation, hardwares like GI nut bolts, washers & consumables like welding rod, cutting wheel, drilling equipment etc.Gland plate cutout, supply and installation of glands, lugs, ferrules as per Tata Power standard practice shall be in bidder's scope. Provision of control cable tags (steel plate with engraving) at both ends of control cables shall be in bidder's scope.	LOT	1
B	Earthing & Lighting		
	Supply, installation, testing and commisssioning of extended earthing system for both indoor and outdoor equipments of 1 nos of 110kV AIS bay at Kalyan.		
a	Treated earth pit - 3 mtr long, 20mm dia. solid copper rod laid along with 25mm dia. perforated HDPE pipe with funnel arrangement throughout the length for treating	nos	8
b	Extension of main earth mat via. 2 runs of 0.35 sq. inch stranded copper conductor (99% conductivity) and Miscellaneous earthing related work including excavation, backfilling, brazing, earth pit etc. as per specifications.	LOT	1
c	At chola end - Guard wire for lightning protection of new AIS bay	Mtr	50
C	Services		
1	loading, unloading, transportation within premises Chola , proper preservation at site, storage & handling at site, Assembly, erection, installation, equipment structure installation, testing and commissioning, assistance for testing of Complete 1 no. 110kV bay equipment / System as per attached FQP, for free issued items as listed below.		
a	110kV Circuit breaker	nos	1
b	110kV Current transformer	nos	6
c	110kV Potential transformer	nos	3
d	110kV Isolators with Earth Switch	nos	1
e	110kV Isolators without Earth Switch	nos	2
f	110kV Lightning arrester	nos	3
2	Services for laying, termination of power/ control cables (Control cables to be laid at Chola as per ICS from Tata Power)Laying ,termination of Control Cables (1.1kV, armoured, multistrand, FRLS, Copper) between AIS, protection panel, Automation panel etc.with required accesories .Cable will be laid in existing trenches .Services for assoiated same to be consider .		
a	Laying and Termination of 1.1 kV,4C x 6 Sq.mm CU XLPE	meter	6000
b	Laying and Termination of 1.1kV ,4C x 2.5 Sq.mm CU XLPE	meter	500
c	Laying and Termination of 1.1kV ,14C x 2.5 Sq.mm CU XLPE	meter	6000
d	Laying and Termination of 1.1kV ,14C x 1.5 Sq.mm CU XLPE	meter	1000
e	Services for laying of serial cables and FO cable	meter	300
3	Laying, splicing and termination of free issue fiber & communication cables as per and communication as per requirement.	meter	200
4	Erection of Protection, Metering, and Automation Panels alonge with associated material as per the site requirement		
4.a	CRP panel	nos	1
4.b	Metering panel	nos	1
4.c	Automation Panel	nos	1

4.d	Service for Wiring modification in existing CRP and new panels as per site requirement skill technical person	LOT	1
5	Services for installation of A,B,C bus equipment conductor as per the site requirement	LOT	1
6	Preparation of Interconnecting Cable Schedule (ICS) as per Tata Power Standard Format. Skilled technical person to prepare ICS	LOT	1
7	Survey of plot plan, preparation of plan and section drawing, EKD , as per site condition, revised SLD in Auto Cad format and Obtaining Electrical Inspector's approval for plan and section drawing of overall plot, including charging permission for AIS bay	LS	1
8	Supply and installation of metal nameplates as per Tata Power standard requirement	nos	15
9	Services for any modification required for the existing 110 kV Kalyan–Chola-1 bay, as per site requirements, shall be included in the bidder's scope of work.	LOT	1
10	Non-Skilled/Skilled manpower services miscellaneous for testing and commissioning activities other than mentioned in scope of work	Man days	100
11	Housekeeping and cleaning/removal of waste material like big rocks and excavated soil, solar panel pallets, plastic waste, wooden material & any other scrap material at sites shall be removed/disposed from plant. It is complete liability of contractor for disposing of material undisputedly outside the plant area.	LOT	1

Bill of Material for Balance of Plant Equipment, System and Services for commissioning of AIS bay and associated Equipment			
FOR DAVDI RSS			
S.No	Item Description	Unit	Qty
1	loading, unloading, transportation within Davdi premises, proper preservation at site, storage & handling at site, Assembly, erection, installation, equipment structure modifications, testing and commissioning, assistance for testing of Complete 110kV bay equipment / System as per attached FQP, for free issued items as listed below.	Lot	1
a	110kV Breaker	Nos.	1
b	110kV Current transformer	Nos.	3
c	110kV PT	Nos.	1
d	110kV Isolators with W/O E/Switch	Nos.	6
e	110kV Bus Post insulators	Nos.	20
f	CRP panels (including base frame as per site requirement)	Nos.	1
2	Supply & Services		
a	Supply ,Services and installation of clamps & connectors required for AIS bays(129no.,Breaker-6,CT-6,Isolator-36,PT-1,BPI-80,Also 1 no spare clamp for each equipment shall be considered)	Lot	1
b	Supply, Services and installation IPS Cu Tube 1.5" along with bending, brazing joints, V jumpers & connectors for Bays approx. 150m. (billing shall be done as per actual quantity installed)	Lot	1
c	Supply, Services and installation IPS Cu Tube 2" along with bending, brazing joints, V jumpers & connectors for Transfer Bus Approx. 220m (billing shall be done as per actual quantity installed)	Lot	1
d	Supply and services of 3 Nos of CT marshaling box (Junction box) ,1 nos PT along with accessories required for laying and termination of cables (As per site requirement).	Nos.	4

3	Laying & termination services for all required Free supplied AC/DC supply cables, control cables, Instrumentation Cables and Modbus communication cables, supply of all accessories (along with lugs, glands and HDPE pipes for Control cable & services of splicing of optical fibre cable) required and SCADA integration (Refer Annexure)		
a	4Cx2.5 sqmm Cu FRLS	Meter	1400
b	4Cx6 Sq.mm, Cu, FRLS	Meter	1200
c	14Cx1.5 Sq.mm, Cu, FRLS	Meter	1000
d	14Cx2.5 Sq.mm, Cu, FRLS	Meter	1100
4	Supply, installation, testing and commissioning of earthing system	Lot	1
4.1	Extension of main earth mat via. 2 runs of 0.35 sq. inch stranded copper conductor (99% conductivity) and Miscellaneous earthing related work including excavation, backfilling, brazing, earth pit etc. as per specifications.	Lot	1
4.2	Treated earth pit - 3 mtr long, 20mm dia. solid copper rod laid along with 25mm dia. perforated HDPE pipe with funnel arrangement throughout the length for treating	Nos.	10
5	Service for Wiring modification in existing CRP and new panels as per site requirement skill technical person	Lot	1
6	Obtaining Electrical Inspector approval for complete project scope of work along with preparation of SLD, EKD, Plan & section drawings etc. - plan layout approval and final charging permission	Lot	1
7	All installation, hardwares like GI nut bolts, washers & consumables like welding rod, cutting wheel, drilling equipment etc. Gland plate cutout, supply and installation of glands, lugs, ferrules as per Tata Power standard practice shall be in bidder's scope. Provision of control cable tags (steel plate with engraving) at both ends of control cables shall be in bidder's scope.	Lot	1
8	Preparation of Interconnecting Cable Schedule (ICS) as per Tata Power Standard Format. Skilled technical person to prepare ICS	LOT	1
9	Supply and installation of metal nameplates as per Tata Power standard requirement (Tentative Qty 15Nos)	LOT	1
10	Housekeeping and cleaning/removal of waste material like big rocks and excavated soil, solar panel pallets, plastic waste, wooden material & any other scrap material at sites shall be removed/disposed from plant. It is complete liability of contractor for disposing of material undisputedly outside the plant area.	Lot	1

Balance of Plant (BOP) works for commissioning of 110KV Western Railway Dahisar feeder FOR Borivali RSS			
S.No	Item Description	Unit	Qty
A	Supply & Services		
1	Supply, Services and installation of clamps & connectors required for AIS bays as per the site requirement .One spare of each type to be consider.	Nos	26
2	Supply and installation of 4 Nos of CT/PT marshaling box (Junction box) along with accessories required for laying and termination of cables (As per site requirement).	Nos	4
3	Supply and installation of Copper tube bus of 1.5 inch diameter	mtr	50
4	Supply and installation, hardwares like GI nut bolts* (Hot dip galvanised), washers & consumables like welding rod, cutting wheel, drilling equipment etc. Gland plate cutout, supply and installation of glands, lugs, ferrules as per Tata Power standard practice shall be in bidder's scope. Provision of control cable tags (steel plate with engraving) at both ends of control cables shall be in bidder's scope.	LOT	1
B	Earthing & Lighting		

	Supply, installation, testing and commissioning of extended earthing system for both indoor and outdoor equipments of 1 nos of 110kV AIS bay at Borivali.		
a	Treated earth pit - 3 mtr long, 20mm dia. solid copper rod laid along with 25mm dia. perforated HDPE pipe with funnel arrangement throughout the length for treating	Nos	2
b	Extension of main earth mat via. 2 runs of 0.35 sq. inch stranded copper conductor (99% conductivity) and Miscellaneous earthing related work including excavation, backfilling, brazing, earth pit etc. as per specifications.	mtr	100
C	Services		
1	loading, unloading, transportation within premises Borivali , proper preservation at site, storage & handling at site, Assembly, erection, installation, equipment structure installation, testing and commissioning, assistance for testing of Complete 1 no. 110kV bay equipment / System as per attached FQP, for free issued items as listed below.		
a	110kV Circuit breaker	Nos	1
b	110kV Current transformer	Nos	2
c	110kV Potential transformer	Nos	2
d	110kV Isolators with Earth Switch	SET	1
e	110kV Isolators without Earth Switch	SET	1
f	110KV Bus Post Insulators	Nos	4
g	110kV Lightning arrester	Nos	2
2	Services for laying, termination of power/ control cables (Control cables to be laid at Borivali as per ICS from Tata Power)Laying ,termination of Control Cables (1.1kV, armoured, multistrand, FRLS, Copper) between AIS, protection panel, Automation panel etc.with required accesories .Cable will be laid in existing trenches .Services for assoiated same to be consider .		
a	Laying and Termination of 1.1 kV,4C x 6 Sq.mm CU XLPE	meter	500
b	Laying and Termination of 1.1kV ,4C x 2.5 Sq.mm CU XLPE	meter	500
c	Laying and Termination of 1.1kV ,14C x 2.5 Sq.mm CU XLPE	meter	500
d	Laying and Termination of 1.1kV ,14C x 1.5 Sq.mm CU XLPE	meter	500
e	Services for laying of serial cables and FO cable	meter	300
3	Laying, splicing and termination of free issue fiber & communication cables as per and communication as per requirement.	meter	200
4	Erection & commissioning of Protection, Metering, and Automation Panels along with associated material as per the site requirement		
4.a	CRP panel (Borivali & Dahisar)	Nos	2
4.b	Metering panel (Borivali & Dahisar)	Nos	2
4.c	Automation Panel (Borivali & Dahisar)	Nos	2
4.d	Service for Wiring modification in new panels as per site requirement skill technical person	LOT	1
5	Services for installation of B,C bus equipment conductor as per the site requirment	LOT	1
6	Prepration of Interconnecting Cable Schedule (ICS) as per Tata Power Standard Format. Skilled technical person to prepare ICS	LOT	1
7	Obtaining Electrical Inspector's approval for plan and overalcharging permission for AIS bay	LS	1
8	Supply and installation of metal nameplates as per Tata Power standard requirement	nos	15
10	Non-Skilled/Skilled manpower services miscellaneous for testing and commissioning activities other than mentioned in scope of work	Man days	100

Balance of Plant (BOP) works for 220 kV GIS at Tata Power Saki Receiving Station			
FOR Saki RSS			
S.No	Item Description	Unit	Qty
	SERVICE PART		

1	loading, unloading, transportation within Saki premises, proper preservation at site, storage & handling at site, Assembly, erection, installation, 245 kV GIS structure modifications under supervision of GIS OEM as per specification-	No.	1
2	Laying, Ferruling & termination services for all required Free supplied AC/DC supply cables, control cables, Instrumentation Cables and Modbus communication cables supply of all accessories (along with lugs, glands and HDPE pipes for Control cable,MS Conduit) required . Cables shall be free issued by Tata Power	Lot	1
2.1	4 C x 4 Sq.mm	Mtr	510
2.2	2 C x 2.5 sq.mm	Mtr	580
2.3	4 C x 1.5 sq.mm	Mtr	480
2.4	7 C x 1.5 sq.mm	Mtr	1050
2.5	14 C x 1.5 sq.mm	Mtr	330
2.6	2 C x 4 sq.mm	Mtr	960
3	Laying, splicing and termination of free issue fiber & communication cables as per automation and communication requirement (Between GIS, automation panel etc.)	Lot	1
4	Unloading, shifting to storage at site and then shifting from place of storage to erection location along with erection, installation and commissioning of automation panels, remote control panels and metering panels. as per specification(1no. LCP,1 no. CRP)	Nos	2
5	Services of Baseframe for LCP(1 Nos), CRP (1 Nos)(800 mm x 800 mm) a Material required for termination of earthing conductor is in bidders scope.	Lot	1
6	Supply, installation, testing and commissioning of earthing system		
6.1	Extension of main Earth grid via. 2 runs of 0.35 sq. inch stranded copper conductor (99% conductivity) and Miscellaneous earthing related work including excavation, backfilling, brazing, earth pit etc. as per site requirement for proposed 1 Nos of 245 kV GIS Bay including related equipment	Lot	1
7	Preparation of Interconnecting Cable Schedule (ICS) as per Tata Power Standard Format.	Lot	1
8	Preparation of SLD, Layouts including GIS plan section, Earthing Layout, cable tray layout and obtaining approval from Chief Electrical Inspector, Government of Maharashtra for execution and completion of 245kV GIS bays Project.	Lot	1
9	Service for Wiring modification in existing protection, automation, communication and supply panels(ACDB/DCDB), and new panels as per site requirement skill technical person	Lot	1
10	FO Cable Splicing / CAT 6 supply of connector and Crimping	Lot	1
11	Installation of following Safety Equipments: 1) Boards • EHV/LV SLD boards for station. • SLD LOTO Key boards. • Bay Marking 2) LOTO accessories.	Lot	1
11	All installation, hardwares like GI nut bolts, washers & consumables like welding rod, cutting wheel, drilling equipment etc.Gland plate cutout, supply and installation of glands, lugs, ferrules as per Tata Power standard practice shall be in bidder's scope. Provision of control cable tags (steel plate with engraving) at both ends of control cables shall be in bidder's scope.	Lot	1
12	Housekeeping and cleaning/removal of waste material like big rocks and excavated soil, solar panel pallets, plastic waste, wooden material & any other scrap material at sites shall be removed/disposed from plant. It is complete liability of contractor for disposing of material undisputedly outside the plant area.	Lot	1
13	Misc Electrical services	Lot	1

Balance of Plant (BOP) works for 110 kV GIS at Tata Power Powai Receiving Station
FOR Powai RSS

S.No	Item Description	Unit	Qty
	SERVICE PART		
1	Loading, unloading, transportation within Saki premises, proper preservation at site, storage & handling at site, Assembly, erection, installation, 145 kV GIS structure modifications under supervision of GIS OEM as per specification	No.	2
2	Laying, Ferruling & termination services for all required Free supplied AC/DC supply cables, control cables, Instrumentation Cables and Modbus communication cables, Scada/communication Patch Cord/Fibre laying supply of all accessories (along with lugs, glands and HDPE pipes for Control cable, MS Conduit) required. Cables shall be free issued by Tata Power	Lot	1
2.1	4 C x 4 Sq.mm	Mtr	1010
2.2	2 C x 2.5 sq.mm	Mtr	1160
2.3	4 C x 1.5 sq.mm	Mtr	960
2.4	7 C x 1.5 sq.mm	Mtr	2090
2.5	14 C x 1.5 sq.mm	Mtr	540
2.6	2 C x 4 sq.mm	Mtr	1920
3	Laying, splicing and termination of free issue fiber & communication cables as per automation and communication requirement (Between GIS, automation panel etc.)	Lot	1
4	Unloading, shifting to storage at site and then shifting from place of storage to erection location along with erection, installation and commissioning of automation panels, remote control panels and metering panels. as per specification (2no. LCP, 2 no. CRP, 2 no RTU 1 no. network panel, 1 no Gateway Panel)	Nos	8
5	Services of Baseframe for Panels.	Lot	1
6	Supply, installation, testing and commissioning of earthing system		
6.1	Extension of main Earth grid via. 2 runs of 0.35 sq. inch stranded copper conductor (99% conductivity) and Miscellaneous earthing related work including excavation, backfilling, brazing, earth pit etc. as per site requirement for proposed 2 Nos of 145 kV GIS Bay including related equipment	Lot	1
6.2	Material required for termination of earthing conductor for Panels is in bidders scope	Lot	1
7	Preparation of Interconnecting Cable Schedule (ICS) as per Tata Power Standard Format.	Lot	1
8	Preparation of SLD, Layouts including GIS plan section, Earthing Layout, cable tray layout and obtaining approval from Chief Electrical Inspector, Government of Maharashtra for execution and completion of 145kV GIS bays Project.	Lot	1
9	Service for Wiring modification in existing protection, automation, communication and supply panels (ACDB/DCDB), and new panels as per site requirement skill technical person	Lot	1
10	FO Cable Splicing / CAT 6 supply of connector and Crimping	Lot	1
11	All installation, hardware like GI nut bolts, washers & consumables like welding rod, cutting wheel, drilling equipment etc. Gland plate cutout, supply and installation of glands, lugs, ferrules as per Tata Power standard practice shall be in bidder's scope. Provision of control cable tags (steel plate with engraving) at both ends of control cables shall be in bidder's scope.	Lot	1
12	Housekeeping and cleaning/removal of waste material like big rocks and excavated soil, solar panel pallets, plastic waste, wooden material & any other scrap material at sites shall be removed/disposed from plant. It is complete liability of contractor for disposing of material undisputedly outside the plant area.	Lot	1
13	Misc Electrical services	Lot	1

It may be noted that all future correspondence will be strictly done only with Interested Vendors who have done the above steps (As mentioned in section "B") in time with Authorized Person, and only through Tata Power E-Tender System.