

CORRIGENDUM No - 2 AGAINST NIT CMC/BY/19-20/RB/SV/011_INSTALLATION OF GIS GRID SUBSTATIONS ALONG WITH ASSOCIATED INFEED AND OUTGOING CABLES LAYING WORK ON TURNKEY BASIS

S. No	Tender Page No. (pdf file of 977 Pages)	Document Name	Header	Item Name	Clause Number	Corrigendum
1	152, 169, 187	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF SUPPLY	Incomer Feeder with Line PT	2.2.6.1.1, 2.3.5.1.1, 2.4.5.1.1	Supply of remote end line differential cum distance relays are also in bidder's scope
2	156, 173, 191	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF WORK	Retrofitting Work of Differential Relay at both receiving and sending end	2.2.7.2, 2.3.6.2, 2.4.6.2	Retrofitting including installation, wiring, testing and commissioning of remote end line differential cum distance relay is in bidder's scope.
3	157, 174	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF WORK	Substation Building	2.2.7.9.2, 2.3.6.9.2	For 33/11kV substations, building shall be G+2 storeys. Ground floor shall be cable cellar. First floor shall be switchgear room. Second floor shall be used for all auxiliary equipment and utilities including battery, battery charger, ACDB, DCDB, maintenance room, pantry etc.
4	158,175,193	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF WORK	Boundary wall with Barbed Wire	2.2.7.9.3.3, 2.3.6.9.3.3, 2.4.6.8.3.3	Boundary wall shall be RCC framed structure with brick infill. Height of boundary wall shall be 3m + 600mm of barbed wire

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5	159,176,194	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF WORK	Rain Water Harvesting	2.2.7.9.3.16, 2.3.6.9.3.16, 2.4.6.8.3.16	Rain water harvesting pit shall be 1800 (L) x 1800 (W) x 3000 (D) mm. Rain water harvesting system may be optimized during detailed engineering subject to space availability at site.
6	1,55,157	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF SUPPLY, GRID S/S SCOPE OF WORK	Material for Civil Works, Civil Works	2.2.6.35, 2.2.7.9	A. Laxmi Nagar Grid substation building shall have provision for addition of 2 nos 33kV bays in future B. Substation building shall have provision for addition of 2 nos 11kV panels on each transformer subject to space availability during detailed engineering.

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7	172, 174	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONG WITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF SUPPLY, GRID S/S SCOPE OF WORK	Material for Civil Works, Civil Works	2.3.5.34, 2.3.6.9	<p>A. Hargobind Enclave Grid shall be designed for three power transformers with provision for future bay extension as described below</p> <p>B. Supply of third power transformer and its associated equipment are not in bidders scope.</p> <p>C. Appropriate space shall be provided in yard layout for addition of third power transformer and associated capacitor bank. Foundations of third transformer and associated capacitor bank are not in bidders scope.</p> <p>D. Substation building should have provision for addition of 4 Nos. 33kV bays (includes bay for third transformer) in future without need for any extension</p> <p>E. Substation building should have provision for addition of 11kV switchgear for third power transformer in future without the need for any extension. Configuration for switchgear shall be assumed identical to that for other two transformers.</p> <p>F. Substation building shall have provision for addition of 2 nos 11kV panels on transformer no.1 and 2 in future</p>

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8	1,90,192	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF SUPPLY, GRID S/S SCOPE OF WORK	Material for Civil Works, Civil Works	2.4.5.35, 2.4.6.8	<p>A. Mandoli Jail complex Grid shall be designed for four power transformers with provision for future bay extension as described below.</p> <p>B. Supply of third and fourth power transformer and its associated equipment are not in bidders scope.</p> <p>C. Appropriate space shall be provided in yard layout for addition of third and fourth power transformer and associated capacitor bank. Foundations of third and fourth transformer and associated capacitor banks are not in bidders scope.</p> <p>D. Substation building should have provision for addition of 4 Nos. 66kV bays (includes bay for third and fourth power transformer) in future without need for any extension</p> <p>E. Substation building should have provision for addition of 11kV switchgear for third and fourth power transformer in future without the need for any extension. Configuration for switchgear shall be assumed identical to that of for other two transformers.</p> <p>F. Substation building shall have provision for addition of 2 nos 11kV panels on transformer no.1 and 2 in future.</p>
9	174	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF WORK	Dismantling of existing building	2.3.6.8	Dismantling of existing building includes high mast, communication tower and other dismantling work needed to prepare site for project execution

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10	192	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	GRID S/S SCOPE OF WORK	Substation Building	2.4.6.8.2	Height of 66kV GIS Room shall be in accordance with swithgear and EOT crane requirement. However, height of balance rooms (excluding 66kV GIS room) need not be matched with height of 66kV GIS room. Height of balance rooms shall be same and shall be in accordance with equipment having maximum height. Height of rooms shall not be less than 4m in any case.
11	200	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	SCOPE DEMARCATI ON	Permissions from Various External and Internal Agencies Regarding Cable Laying and Commissioning(Traffic Police, GAIL, IGL, DJB,MTNL/BSNL etc)	2.5.1.2	Clearances from all agencies required for execution of project shall be in bidder's scope. Only Statutory fee shall be borne by BYPL.
12	202	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	Documentati on	NA	2.6	Technical bid shall be submitted in Soft copy in Pen drive. Documents against each point in technical bid check list shall be provided in separate folders with proper nomenclature.. Hard copy of technical bid is not envisaged.
13	204	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	APPROVED MAKE LIST	66 kV GIS	3.7	GE & Crompton Greaves make 66 kV GIS is also acceptable

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14	204	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONG WITH INFEED & OUTGOING FEEDERS	APPROVED MAKE LIST	33 kV GIS	3.8	Crompton Greaves make 33 kV GIS is also acceptable
15	705	TECHNICAL SPECIFICATION FOR CIVIL WORK OF GRID	Substation Building	Level of cable cellar room shall be above 1200 mm from FGL.	5.14	Finished Ground Level (FGL) shall be finished outside road level at site. Finished Yard level shall be 350mm above FGL. Equipment foundation level shall be 900mm above FGL. Cable cellar finished floor level shall be 1200mm above FGL.
16	713	TECHNICAL SPECIFICATION FOR FIRE PROTECTION SYSTEM	Fire Hydrant System	NA	4	Fire hydrant system shall be in bidder's scope.
17	972, 973	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR	ANNEXURE-F-SINGLE LINE DIAGRAMS	NA	NA	Line side isolator is not required in 33 Kv GIS
18	972, 973, 974	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR	ANNEXURE-F-SINGLE LINE DIAGRAMS	ANNEXURE-F-1, ANNEXURE-F-2, ANNEXURE-F-3	NA	A. 33kv GIS Bus Bar Rating shall be 2000 A, 26.3 KA for 3 Sec B. Bus Coupler Breaker rating shall be 2000 A C. Transformer and feeder breaker rating shall be 1250 A
19	NA	NA	NA	NA	NA	Word file of BOQ is attached in corrigendum for ready reference.
20	NA	NA	NA	NA	NA	Tentative Layout of All proposed Grids in pdf format are attached in corrigendum for ready reference.
21	NA	NA	NA	NA	NA	Tentative Route map for Infeeds and outgoings in pdf format are attached in corrigendum for ready reference.

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22	200	SCOPE OF TURNKEY EXECUTION WORK FOR 66kV /11kV & 33 kV /11 kV S/S ALONGWITH INFEED & OUTGOING FEEDERS	SCOPE DEMARCATI ON	Road Cutting Permission and Road Restoration	2.5.1.1	Road Cutting is in Bidders Scope but Road Restoration is not in bidders scope
23	15	ITB	Valid Electrical License	Bidder should have a valid Electrical License issued by Delhi Govt. for doing the Electrical works in Delhi Region.	ANNEXURE A	Bidders can submit electrical licenses of other state. However, they must submit undertaking to provide valid electrical licenses issued from Delhi Govt. before start of work, if awarded.
24	5	ITB	Litigation	Duly signed No Litigation Certificate as per attached format.	3.01	Format Attached
25	5	ITB	Black listing undertaking	Bidder should submit a Self undertaking signed by its Authorized Signatories that the Bidder or any of their sub contractor has not been blacklisted/barred by any Govt. Organization or Regulatory Agencies in India or abroad.	3.01	Format Attached
26	5	ITB	Solvency Certificate	solvency certificate from competent authority	3.01	Sample Format Attached

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27	4	Special Conditions of Contract - SCC	SCOPE OF WORK	Operation of the Package awarded for the period of Six (6) Months is included and bidders shall quote separately for the same as per the details specified.	21	It is mandatory for bidders to include cost of O&M of grids for 06 Months in their price bid. Therefore, bidders are required to bid, considering scope of the same.