

Amendment-I

Design, Supply, Installation and Commissioning of Manang-Khudi-Udipur 220 kV Transmission Line and Associated Substations at Khudi & Manang ICB/PMD/MCTLP/018/19-01

SN.	Clause Ref	Existing	Amendment
1	Volume I, Section 1 Instructions to Bidders- 3 Fraud and Corruption Clause No. 3.3	Any documents submitted by the bidder if found to be forged shall be subject to the disqualification from this bid.	Any documents submitted by the bidder if found to be forged shall be subject to the disqualification from this bid. In addition, if the bid submitted by the bidder happens to be lowest evaluated bid, then bidder shall submit all the original credentials, certificates and related documents requested by the Project for verification before notification of award. If the copy of the submitted credentials, certificates and related documents do not match with original or found to be forged during verification then the bid shall be rejected.
2	Volume I, Section 3 Evaluation and Qualification Criteria- 2.4 Bidder's Experience Clause No. 2.4.1 Contract of Similar Size and Nature	Criteria Participation in at least two (2) contracts that have been successfully or substantially completed within the last 7 (Seven) Years period and that are similar to the proposed contract, as mentioned in i) and ii) below. Out of the two (2) contracts, one (one transmission Line and one Substation Contract) should have been executed outside the bidder's home country. The similarity of the Bidder's participation shall be based on the physical size, nature of works, complexity, methods, technology or other characteristics as described in Section 6 (Employer's Requirements). The similarity here shall mean that the Bidder must have executed i) two (2) contracts of 220 kV or higher voltage class Double circuit transmission line with bundled conductor of minimum line length of 46 km including design, supply, installation, testing and commissioning and each contract worth more than US\$ 14 Million. ii) two (2) contracts of 220 kV or above voltage class GIS substations including design, supply, installation, testing and commissioning and each contract worth more than US\$ 36 Million.	Requirement Participation in at least two (2) contracts that have been successfully or substantially completed within the last 7 (Seven) Years period and that are similar to the proposed contract, as mentioned in i) and ii) below. Out of the two (2) contracts, one (one transmission Line and one Substation Contract) should have been executed outside the bidder's home country. The similarity of the Bidder's participation shall be based on the physical size, nature of works, complexity, methods, technology or other characteristics as described in Section 6 (Employer's Requirements). The similarity here shall mean that the Bidder must have executed i) two (2) contracts of 220 kV or higher voltage class Double circuit transmission line with bundled conductor with each contract's line length shall be minimum 46 km including design, supply, installation, testing and commissioning and each contract worth more than US\$ 14 Million. ii) two (2) contracts of 220 kV or above voltage class GIS substations each contract including design, supply, installation, testing and commissioning and each contract worth more than US\$ 36 Million.

Amendment-I

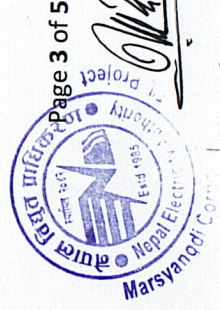
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SN.	Clause Ref	Existing	Amendment
	Volume I, Section 3 Evaluation and Qualification Criteria-2.4 Bidder's Experience Clause No. 2.4.1 Contract of Similar Size and Nature	Compliance requirement, Joint Venture, All Partners Combined must meet requirement as follows : OR One of the JV partner must have successfully or substantially completed two (2) contracts of 220 kV or higher voltage class Double circuit transmission line with bundled conductor of minimum line length of 46 km including design, supply, installation, testing and commissioning and each contract worth more than US\$ 14 Million. And another JV partner must have successfully or substantially completed two (2) contracts of 220 kV or above voltage class GIS substations including design, supply, installation, testing and commissioning and each contract worth more than US\$ 36 Million OR Each of the JV partner must have successfully or substantially completed one (1) contract of 220 kV or higher voltage class Double circuit transmission line with bundled conductor of minimum line length of 46 km including design, supply, installation, testing and commissioning and a contract worth more than US\$ 14 Million, Plus one (1) contract of 220 kV or above voltage class GIS substations including design, supply, installation, testing and commissioning and a contract worth more than US\$ 36 Million. Out of two (2) transmission line and one (1) contract of substations must have been executed outside the bidders Home Country. All above contracts must have been completed or substantially completed within last 7 years.	Compliance requirement, Joint Venture, All Partners Combined must meet requirement as follows : Either one partner must meet requirement OR One of the JV partner must have successfully or substantially completed two (2) contracts of 220 kV or higher voltage class Double circuit transmission line with bundled conductor with each contract's line length shall be minimum 46 km including design, supply, installation, testing and commissioning and each contract worth more than US\$ 14 Million. And another JV partner must have successfully or substantially completed two (2) contracts of 220 kV or above voltage class GIS substations each contract including design, supply, installation, testing and commissioning and each contract worth more than US\$ 36 Million OR Each of the JV partner must have successfully or substantially completed one (1) contract of 220 kV or higher voltage class Double circuit transmission line with bundled conductor of minimum line length of 46 km including design, supply, installation, testing and commissioning and a contract worth more than US\$ 14 Million, Plus one (1) contract of 220 kV or above voltage class GIS substations including design, supply, installation, testing and commissioning and a contract worth more than US\$ 36 Million. Out of two (2) transmission line and one (1) contract of substations must have been executed outside the bidders Home Country. All above contracts must have been completed or substantially completed within last 7 years.

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4	Volume I, Section 3 Evaluation and Qualification Criteria-2.4 Bidder's Experience Clause No. 2.4.1 Contract of Similar Size and Nature	Compliance requirement, Joint Venture, Each Partner must have successfully or substantially completed one (1) contract of 220 kV or higher voltage class Double circuit transmission line with bundled conductor of 46 km including design, supply, installation, testing and commissioning and a contract worth more than US\$ 14 Million, Plus one (1) contract of 220 kV or above voltage class GIS substations including design, supply, installation, testing and commissioning and a contract worth more than US\$ 36 Million. All above contracts must have been completed or substantially completed within last 7 years.	Compliance requirement, Joint Venture, Each Partner must have successfully or substantially completed one (1) contract of 220 kV or higher voltage class Double circuit transmission line with bundled conductor of minimum line length of 46 km including design, supply, installation, testing and commissioning and a contract worth more than US\$ 14 Million. Plus one (1) contract of 220 kV or above voltage class GIS substations including design, supply, installation, testing and commissioning and a contract worth more than US\$ 36 Million. OR must have successfully or substantially completed two (2) contracts of 220 kV or higher voltage class Double circuit transmission line with bundled conductor with each contract's line length shall be minimum 46 km including design, supply, installation, testing and commissioning and each contract worth more than US\$ 14 Million. OR must have successfully or substantially completed two (2) contracts of 220 kV or above voltage class GIS substations each contract including design, supply, installation, testing and commissioning and each contract worth more than US\$ 36 Million All above contracts must have been completed or substantially completed within last 7 years.																
5	Khudi Substation Volume III (BPS) Part B Schedule 1 & Schedule 4(a) S.No.B, B1, 1.07	<table border="1"> <thead> <tr> <th>SN</th><th>Item Description</th><th>Unit</th><th>Qty</th></tr> </thead> <tbody> <tr> <td>1.07</td><td>245kV, 1600A, 40kA SF6/Air Bushing for Connecting GIS to AIS alongwith support structure (Single Phase)</td><td>Nos</td><td>22</td></tr> </tbody> </table>	SN	Item Description	Unit	Qty	1.07	245kV, 1600A, 40kA SF6/Air Bushing for Connecting GIS to AIS alongwith support structure (Single Phase)	Nos	22	<table border="1"> <thead> <tr> <th>SN</th><th>Item Description</th><th>Unit</th><th>Qty</th></tr> </thead> <tbody> <tr> <td>1.07</td><td>245kV, 1600A, 40kA SF6/Air Bushing for Connecting GIS to AIS alongwith support structure (Single Phase)</td><td>Nos</td><td>25</td></tr> </tbody> </table>	SN	Item Description	Unit	Qty	1.07	245kV, 1600A, 40kA SF6/Air Bushing for Connecting GIS to AIS alongwith support structure (Single Phase)	Nos	25
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Project Manager

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SN.	Clause Ref	Existing	Amendment																
6	Volume II, Part B-Substation Chapter 14 Clause No. 7(e)	All Approach road to Substation(Bituminous/Asphalt) roads shall be 5.5 m wide black top road with 3.75 m wide black top pavement and 3.1 m wide cement paver block shoulders on either side of road, WBM(Water bound macadam) as per design below the pavement shall be designed.	All Approach road to Substation(Bituminous/Asphalt) roads shall be 6.9 m wide (including roadside drain) black top (Bituminous) road with 3.75 m wide black top pavement and 1.2 m wide and 10 cm thick PCC shoulders on either side of road, WBM (Water bound macadam) of suitable thickness as per design below the pavement shall be designed.																
7	Volume III, BPS (Part B - Substation), Schedule 4(a) Manang , Civil work BPS Sl. no. 32	<table border="1"> <thead> <tr> <th>SN.</th><th>Item Description</th><th>Unit</th><th>Qty.</th></tr> </thead> <tbody> <tr> <td>32</td><td>Construction of 5.5 m wide black top (Bituminous) road with 3.75 m wide black top pavement and 3.1 m wide cement paver block shoulders on either side of road, Water bound macadam of suitable thickness as per design below pavement shall be laid as per technical specification including excavation all complete.</td><td>SQ M</td><td>6600</td></tr> </tbody> </table>	SN.	Item Description	Unit	Qty.	32	Construction of 5.5 m wide black top (Bituminous) road with 3.75 m wide black top pavement and 3.1 m wide cement paver block shoulders on either side of road, Water bound macadam of suitable thickness as per design below pavement shall be laid as per technical specification including excavation all complete.	SQ M	6600	<table border="1"> <thead> <tr> <th>SN.</th><th>Item Description</th><th>Unit</th><th>Qty.</th></tr> </thead> <tbody> <tr> <td>32</td><td>Construction of 6.9 m wide (including roadside drain) black top (Bituminous) road with 3.75 m wide black top pavement and 1.2 m wide and 10 cm thick PCC shoulders on either side of road, Water bound macadam of suitable thickness as per design below pavement shall be laid as per technical specification including excavation all complete.</td><td>SQ M</td><td>10350</td></tr> </tbody> </table>	SN.	Item Description	Unit	Qty.	32	Construction of 6.9 m wide (including roadside drain) black top (Bituminous) road with 3.75 m wide black top pavement and 1.2 m wide and 10 cm thick PCC shoulders on either side of road, Water bound macadam of suitable thickness as per design below pavement shall be laid as per technical specification including excavation all complete.	SQ M	10350
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10	Volume II, Par B-Substation Chapter 14 Clause No. 25.0	Boundary Wall: Stone masonry/brick masonry shall be provided along periphery of the substation. This boundary wall acts as a toe wall for chain linked fence as illustrated in clause 12 of this specification. On foundation PCC shall be of (1:4:8) or as per approved drawing/design. Mix of masonry works shall be 1cement: 4 Sand. 12 mm thick Cement sand plaster (1 cement: 6 Sand) over exposed portion of boundary wall along with 50mm thick PCC (1:2:4) coping on the top of wall. Suitable design of boundary wall shall be developed by the contractor. The boundary wall shall be measured and paid in running meter length basis. Excavation and PCC shall be measured and paid seperately in respective items of BPS.	Boundary Wall: Stone masonry/brick masonry shall be provided along periphery of the substation. This boundary wall acts as a toe wall for chain linked fence as illustrated in clause 12 of this specification. On foundation PCC shall be of (1:4:8) or as per approved drawing/design. Mix of masonry works shall be 1cement: 4 Sand. 12 mm thick Cement sand plaster (1 cement: 6 Sand) over exposed portion of boundary wall along with 50mm thick PCC (1:2:4) coping on the top of wall. Suitable design of boundary wall shall be developed by the contractor. The boundary wall shall be measured and paid in Cubic meter basis. Excavation and PCC shall be measured and paid seperately in respective items of BPS.																								