

# NEPAL ELECTRICITY AUTHORITY

(An Undertaking of Government of Nepal)



Project Management Directorate

*SASEC Power Transmission and Distribution System Strengthening Project*

**Supply, Delivery, Installation, Testing, Commissioning, Operation and  
maintenance of Electric Vehicle Charging Stations**

Invitation for Bids No.: PMD/PTDSSP/EVCS/2076/77-01

ADDENDUM - 02



Following Amendments are made in the Bidding Document of OCB No. PMD/PTDSSP/EVCS/2076/77-01: Supply, Delivery, Installation, Testing, Commissioning, Operation and maintenance of Electric Vehicle Charging Stations as provisioned in Clause 8 of the ITB and has been issued as Addendum -02.

1. Vol - I, Section 3 - Evaluation and Qualification Criteria, Clause 2.4.1 "Contracts of Similar Size and Nature" has been replaced with the following:

| Criteria  | Compliance Requirements |   |                | Documents      |                         |
|---|-------------------------|---|----------------|----------------|-------------------------|
|   | Single Entity           | Joint Venture   |                |                |                         |
| Requirement   |                         | All Partners Combined   | Each Partner   | One Partner    | Submission Requirements |
| Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 2.80 Million each.<br><br><i>The similarity of the Bidder's participation shall be based on design, supply, installation and commissioning of EV Charging Stations</i> | must meet requirement   | must meet requirement as follows:<br>Either one partner must meet requirement<br>Or<br>any two partners must each demonstrate one (1) successfully or substantially completed contract of similar size and nature | not applicable | not applicable | Form EXP - 1            |

2. Vol - III, Price Schedule, Schedule 2: Equipment including Mandatory Spare parts to be supplied from within Nepal has been replaced with the following:



**Schedule 2: Equipment including Mandatory Spare parts to be supplied from within Nepal**  
**Vol - III, Price Schedule**

| Item  | Item Description   | Unit | Qty. | CIP Project Sites Including Transportation to site (Excluding Customs Duties and VAT) |           | VAT and other Taxes |           |   |  |
|---|--|------|------|---|-----------|---------------------|-----------|---|--|
|   |  |      |      | FC  |           | LC                  |           |   |  |
|   |  |      |      | Unit Rate   | Amount    | Unit Rate           | Amount    |   |  |
| 1   | 2  | 3    | 4    | 5   | 6 = 4 x 5 | 7                   | 8 = 4 x 7 | 9 |  |
| <b>SUPPLY AND DELIVERY OF EV CHARGING STATION, DISTRIBUTION TRANSFORMER, POLE AND ALL OTHER PARTS/ACCESSORIES INCLUDING TRANSPORTATION TO SITE STORE ALL COMPLETE</b> |  |      |      |   |           |                     |           |   |  |
| <b>EV Charger</b>   |  |      |      |   |           |                     |           |   |  |
|   | 142KW EV Battery Charger (Category 1) compatible for CCS 2.0 (2 guns) + AC Type-2 (1 gun)  | set  | 25   |   |           |                     |           |   |  |
|   | 142KW EV Battery Charger (Category 2) compatible for CCS 2.0 (1 gun) + CHADEMO (1 gun) + AC Type-2 (1 gun)   | set  | 5    |   |           |                     |           |   |  |
|   | 142KW EV Battery Charger (Category 3) compatible for GB/T (2 gun) + GB/T AC (1 gun)  | set  | 20   |   |           |                     |           |   |  |
| 1   | Each category of the charger mentioned above must include the components but not limited to the following:<br>- Battery back-up for one hour<br>- Surveillance - DVR - 4 channel DVR / NVR and 4 camera - 4 mega pixels with IP address facility for remote monitoring with ethernet / WIFI<br>- Input Cable - FR Grade 300 Sqmm 3 phase, 4 core cable<br>- Output Cable - CCS supported cable with connector 5m<br>- Output Cable - CHADEMO supported cable with connector 5m<br>- Output Cable - AC Type-2 supported cable with connector 5 mtr<br>- General Service Signs such as Way finding signage, Parking lot lines, Lighting and Stripes<br>Earthing of chargers<br>Bollards or Wheel stops and Civil Structure of EV charger |      |      |   |           |                     |           |   |  |
| 2   | <b>Server and Application Software</b><br>Payment gateway software (to manage payments using mobile app, cards etc), charger management software (to manage charger slots/availability/booking of slots, etc.) including the one-time license fee for 300 chargers initially and scalable upto 1000 EV chargers for future expansion   | Lot  | 1    |   |           |                     |           |   |  |
| 3   | <b>200 kVA 11/0.4 kV Distribution Transformer</b>  | nos  | 50   |   |           |                     |           |   |  |

FC = Foreign Currency      LC = Local Currency





|    |   |      |       |  |  |  |  |
|----|---|------|-------|--|--|--|--|
| 4  | 11 m PSC Pole   | nos  | 650   |  |  |  |  |
| 5  | 11 KV Disc Insulator with Tension Set including but not limited to dead end clamp, back strap, ball and sockey eye  | set  | 300   |  |  |  |  |
| 6  | 11 KV Pin Insulator with Spindle  | set  | 1800  |  |  |  |  |
| 7  | Complete Stay Set for 11 KV Line including but not limited to 600x600x6 mm stay plate, 19 mm dia stay rod, 7/4 mm stay wire, eye-bolt, turn buckle, stay insulator etc  | set  | 200   |  |  |  |  |
| 8  | Steel crossarm channel 100x50x6.4x5x300 mm including but not limited to pole clamp (PC1) suitable for 11 m PSC pole with required bolts, nuts and washers   | set  | 700   |  |  |  |  |
| 9  | Steel crossarm channel 100x50x6.4x5x1200 mm including but not limited to pole clamp (PC2), flat crossarm brace 40 x 6 x 660 mm suitable for 11 m PSC pole with required bolts, nuts and washers   | set  | 700   |  |  |  |  |
| 10 | Transformer Platform Complete set including but not limited to the following items:<br>- Steel crossarm channel 100x50x6.4x5x2500 mm (TR1) with required bolts, nuts and washers - 2 nos<br>- Steel crossarm channel 100x50x6.4x5x2500 mm (TR3) with required bolts, nuts and washers - 2 nos<br>- Steel crossarm channel 100x50x6.4x5x1200 mm (TR2) with required bolts, nuts and washers - 4 Nos<br>- Steel crossarm channel 100x50x6.4x5x1200 mm (TR4) with required bolts, nuts and washers - 2 Nos<br>- Tracing angle 50x50x5x84 mm (8 nos) and bracing band TR6P (2 sets) with required bolts, nuts and washers<br>- Steel crossarm channel 100x50x6.4x5x2348 mm for DO and LA with required bolts, nuts and washers - 1 No.<br>- Earthing of Transformer (L.A. Body and Neutral) including but not limited to earthing rod, copper grounding conductor and connection arrangement complete set | set  | 50    |  |  |  |  |
| 11 | 9 KV Surge Arrester with fitting arrangements   | set  | 150   |  |  |  |  |
| 12 | Distribution Cutters including fuse holders and 15A Fuse Links with fitting arrangements  | set  | 50    |  |  |  |  |
| 14 | Outdoor Distribution Panel Board suitable for 300A MCCB and cable shoes of required size  | nos. | 50    |  |  |  |  |
| 15 | 300A MCCB suitable for 200 kVA Distribution Transformer   | nos. | 50    |  |  |  |  |
| 16 | 0.1 Sq. Inch. Dog ACSR Conductor  | m    | 75000 |  |  |  |  |
| 17 | 3.5 core, 185 sq mm, 1.1 KV Aluminum Armoured Power Cable   | m    | 2500  |  |  |  |  |



|   |   |      |     |  |  |  |  |
|---|---|------|-----|--|--|--|--|
| 18  | PG Clamp suitable for Dog Conductor   | nos. | 300 |  |  |  |  |
| 19  | TOD Meter with meter box and other fitting accessories (to be procured from NEA authorized centers at NEA prescribed rates) | set  | 50  |  |  |  |  |
| Total of Schedule - 2   |   |      |     |  |  |  |  |
| (Total of column 6 and 8 to be carried forward to Schedule - 5 (Grand Summary)) |   |      |     |  |  |  |  |

- Note:** 1) Bidder is required to quote prices in the Price Schedule for all the individual items/sub-items  
2) The Prices of equipment are inclusive of type test charges  
3) Specify currency in accordance with BDS ITB Clause 32.1, Part I of Bidding Documents.  
4) Strike out whichever is not applicable  
5) If a Bidder wishes to supply some item(s) listed in this Price Schedule from manufacturing plant in abroad, then such item(s) and price of such item(s) shall be quoted in Price Schedule no. 1 only. Columns against such item(s) shall be left blank in this Price Schedule - 2

END

