

Q.R., Scope of work& Technical Specifications

1. INVITATION OF TENDER:

Executive Engineer Surat Rural Division invites online Tender for Name of Work: Erection & Maintenance of overhead HT, LT line & T/C structure with dismantling of pole, transformer centre & laying of Underground Cable MVCC work & Other related works under DISS & Other Scheme for Sarthana sub division or any sub division under Surat Rural Division.

1.1. Supply of 11/22KV XLPE is in scope of DGVCL

1.2 Bids submitted after the time and date fixed for receipt of bids as set out in the invitation to Bid shall be rejected.

1.3 The issuance of bid document would not mean that the bidder has qualified for the bidding. Hence bidders should ensure themselves of their credentials before submitting their offer.

1.4 Documents towards payment of tender fee and earnest money deposit (EMD) should be kept in the EMD cover only. First the EMD cover will be opened in the presence of the authorized representative of bidder and if the documents towards payment of tender fee and EMD are found in order then only cover containing technical bid will be opened first. All those who are found technically competent to carry out the job will be considered as qualified bidders and only their financial bid will be opened.

2.0 QUALIFYING REQUIREMENTS OF BIDDERS (To be read with Special condition of Contract)

5.0 The bidder should produce evidence of experience of having successfully completed similar works during the last 7 years ending last day of month previous to the one in which applications are invited should be either of the following in Govt., /Semi Govt., along with certified copies of documentary evidence, preferably photo copy of orders secured from DGVCL/ MGVL/ UGVCL/ PGVL/ GSECL/ GETCO/ DISCOMs/ GEB/ Central/State Government/Semi-Government and satisfactory completion certificate from respective department thereof:-

a) bidder should have (in last 7 years) completed of similar type work of costing not less than the amount equal to 80% of the estimated amount.

Or

b) bidder should have (in last 7 years) completed of two nos of similar type work of costing not less than the amount equal to 50% of the estimated amount.

Or

c) bidder should have (in last 7 years) completed of three nos of similar type work of costing not less than the amount equal to 40% of the estimated amount.

The DGVCL may verify the above certificates / documents from respective department, if necessary.

- 5.1 The Bidder shall have requisite resources (enclose details) in terms of professional competency and financial soundness to complete the whole package within the stipulated time period.
- 5.2 The Bidder shall have valid PF number. In absence of valid PF number, the bidder will have to apply for PF number prior to submission of tender and the same to be submitted at the time of tender.
- 5.3 Type Test reports for materials if any, as available, must be enclosed with the Bid. All required Type tests on one particular item must have been conducted in the span of one year only. All the required Type Test reports shall not be older than 5 (five) years. It is mandatory for submission of all tests certificates at the time of submission of tender.
- 5.5 The bidder has to submit the copy of GST registration certificate which should be live.

The offer of the Bidders not satisfying any of the above criteria are likely to be New Bidders. The Bidder shall be allowed to have tie up with any supplier for supply of materials and or tie up with contract agency to carry out the field work. However, the entire responsibility shall rest with the bidder in whose name the bid is submitted. Forming consortium for bidding is not permitted. The Bidder should put forth documents satisfying the qualifying requirements mentioned above.

QUANTITY DISTRIBUTION

The total quantity distribution to the new bidders will be restricted up to 25% of the estimated amount in case of new bidders stands L-1. However, if the quoted price of new bidders is higher than regular bidders, then there will be no any quantity distribution is allowed to new bidders.

The New Bidder is to be asked to match the L-1 price of the New Bidder only and the Regular Bidder has to match the L-1 price of the Regular Bidder.

For quantity distribution among regular bidders at DGVCL's sole discretion; higher weightage will be given to L1 bidder and DGVCL may allotted quantity to L-1, L-2 and so on, if bidder consented.

(Note: The said clause is applicable to the ARC tender. If tender is invited with value more than Rs. 5 Lakhs for specific single work, experience criteria may be kept in line with above clause. accordingly, this clause may be adopted / deleted while inviting tenders).

NOTE: % OF WORK DISTRIBUTION WILL BE FINALISED BY EE (O&M)

PRICE EVALUATION:

- 5.4 No price preference shall be given on any account. All tenders will be evaluated on firm price. If more than one party is to be considered for placement of order, they will have to

match their end cost with end cost of L-1 technically acceptable bidder. DGVCL may go to the L-2, L3 and so on depending upon the requirement. If DGVCL feels that there is lack of serious competition or any other reasons, DGVCL may negotiate with the L-1 party. DGVCL's decision shall be final and binding on all the parties.

2.5. The above stated requirements are a minimum and the DGVCL reserves the right to request for any additional requirement and also reserves the right to reject the proposal of any bidder, if in the opinion of the DGVCL, the qualification data is incomplete or the bidder is found not qualified to satisfactorily perform the works.

2.6 THIRD PARTY INSPECTION OF WORK

DGVCL shall assign the work of supervision and inspection to third party for work of contractor's workmanship and quality on 24 x 7 hours basis. The periodical inspection reports shall be accessed and any defects or poor quality of workmanship has to be got rectified by the contractor invariably within stipulated time limit. DGVCL reserves the right of stop payment on non-response of contractor on this issue.

3.0 Scope of the work:

3.1 The scope of the tender includes

(1) Supply of 11/22KV XLPE cable is in scope of DGVCL. Laying, Testing and Commissioning Of 11KV/22KV XLPE (Underground) Cable and Supply, Installation And Fixing Of 11KV/22KV End Termination Kits, Jointing Kits And HDPE Pipes As Per DGVCL'S Specifications In The Area of DGVCL Under RAPDRP-B & Other Scheme. if any is in scope of bidder as per schedule-B & drawing attached.

(2) Supply & Fixing of 11/22 KV End termination Kit (Indoor & Outdoor type) suitable for XLPE cable up to 185/240 Sq. mm size as per schedule-B. (Make of offered termination kit must be as per GTP submitted).

(3) Supply and fixing of HDPE pipe of 110 mm O.D. and 6.11 kg/Cm² (0.6 Mpa), Class-4, Green color with thickness of 8.5 the same must be conforms to IS 4984-1987 (3rd revision). The pipe should be erected in such a way that 300mm shall be below the ground level And rest 2700mm be supported on DP structure with polymer cleats.

(4) Laying of cable, erection, testing and commissioning

- Cable trench up to the depth of 1200 mm is to be dug with width of 400mm & 600 mm as mentioned in Schedule -B in any type of soil. Additional width of 200mm shall be considered for additional cable if required i.e. half trench length to be considered. Preparation of each sand layer 100 mm thick as per drawing

- Spreading of each sand layer at the bottom of the trench up to 100 mm.
- Lying of power cable in the center of the trench. Utmost care should be taken while loading / unloading and unwinding the cable drums.
- Covering the cable with 25 mm thick, 150 mm Inner dia., half round cement pipes.
- Back filling the trench so as to make the surface smooth.
- Erection of 11/22 KV XLPE cable on DP structure with fixing of polymer cleats, aluminum tags and with permanent identification of each cable at top and bottom (as per drawing) with permanent & reflective part as per GIC& route markers as per schedule-B.

(5) Horizontal drilling without damage to surface road using Auger machine & putting of 6.11 kg/cm² HDPE Pipe 110 mm dia&8.5 mm thickness,for laying of 11/22 KV XLPE cable of size up to 185mm² size, as per Site Condition & instruction of EIC(excluding cost of pipe).The detail map and excel sheet (hard copy and soft copy) indicating the respective depth and distance from adjacent landmark for each segment for HDD is to be submitted as per instruction of Engineer in charge.

(6) Liaison charges with utilities, Electrical inspector & other local utilities like telecom, GAS, & networking etc. Preparation of site drawing and approval of SMC (if required) for cable laying, charging is in scope of contractor. Insurance&liabilitiesarisen thereupon shall be borne by contractor.

3.2 Bids not covering the above entire scope of works shall be treated as incomplete and shall be rejected.

3.3 Bids containing deviations from will be considered as non-responsive.

3.4 Any other item not specifically mentioned in the specifications but which are required for Erection, Laying, Testing, Commissioning and satisfactory operation of the Distribution lines are deemed to be included in the scope of the specification unless specifically excluded.

3.5 Specification of all the items covered under this tender is given separately. However, if any item is left out, standard specification of Rural Electrification Corporation (REC) will be applicable for the same.

3.6 Inspection circle level (IF ANY):

Before execution of work, bidder shall get materials inspected at circle office & on getting clearance should start the work. At circle level, verification should be made for the specimen material approved before giving clearance for usage of materials, failure to this will lead to nonpayment of install/erected items.

3.7 It is mandatory for the bidder to test the Main and Spare cable for continuous 72 Hrs at maximum loading condition.

Interested bidders may obtain further information, if needed, from the office of the EE (O&M), DGVCL, SURAT RURAL DIVISION, Surat.