

TRANSMISSION CORPORATION OF TELANGANA LIMITED
VIDYUT SOUDHA :: HYDERABAD-082
ABSTRACT

SLDC – Establishment of Backup SLDC – Cost Estimate of the Project, Consultancy Fee & AMC - Sanction – Orders Issued.

T.O.O. (CE - SLDC) Ms.No. 358

Dt. 08.05.2019

Read the following:-

Ref :1. Note proposal from Chief Engineer/ SLDC, Dt. 03.04.2019

ORDER:

- The SCADA/EMS system of M/s GE(formerly M/s Alstom make) was procured for Main SLDC & Backup SLDC (replica of Main SLDC) systems replacing the old GE make system under “replacement/upgradation of existing SCADA/EMS system”project taken up by M/s PGCIL on turnkey basis on behalf of erstwhile APTRANSCO and other southern region constituents(Kerala, Tamilnadu, Puducherry).
- Consequent to bifurcation of erstwhile Andhra Pradesh State, the main SLDC equipment is allotted to Telangana and backup SLDC equipment is allotted to residual AP.
- The main SLDC equipment is commissioned in new SLDC at Annex building Vidyut Soudha, Hyderabad.
- As per the Report of the Task Force (Satnam Committe) & CABIL on Implementation of Pradhan Committee Report, each State should have a Main SLDC and a fully functional replica as Backup SLDC, as part of disaster management.
- Based on the recommendations of Forum of Load Despatchers (FOLD) for location of Backup SLDC, 220KV Warangal SS was identified for establishment of Backup SLDC.
- M/s PGCIL being a Central Government Organization and having expertise in execution of such works, M/s PGCIL is entrusted as consultant for “Creation of Backup SLDC for Telangana state” on turnkey basis vide Contract Agreement dt 23.01.2019.
- The scope of works under M/s PGCIL and TSTRANSCO as agreed is enclosed as Annexure-1.

- The estimated project cost is Rs 9.3126 Cr including applicable Taxes and duties. This estimated cost is inclusive of both estimated cost of establishing Backup SLDC of Rs 7.15 Cr., estimated AMC cost of Rs 0.90 Cr. and consultancy charges to M/s PGCIL @ 15% of the final executed cost of the project (exclusive AMC cost), applicable taxes & duties extra.

The break up for estimated cost of the project is as follows.

Estimated cost of the work(including applicable taxes and duties)	7.15 Cr
AMC cost (including applicable taxes and duties)	0.90 Cr
Consultancy charges	1.07 Cr
GST @ 18 % on consultancy charges	0.1926 Cr
Total	9.3126 Cr

- The detailed payment terms are enclosed as Annexure-II.
- The payment of AMC charges shall be paid quarterly/monthly basis for 6 years of AMC period which is expected to commence after 18 months from the date of signing of Agreement.
- CE/Civil and CE/telecom will initiate the follow up proposals in a coordinated action for developing the infrastructure (Building space and Communication) coming under the purview of TSTRANSCO and falling outside the scope of Power Grid for timely completion of Backup SLDC.
- After careful consideration of the proposal of Chief Engineer (SLDC), TSTRANSCO accords administrative approval for the following :
 - (a) To Establish Back up SLDC at Warangal at an estimated cost of Rs 9.3126 Cr.
 - (b) Authorize SAO/SLDC/TSTRANSCO to make payment towards total project cost.
- The Order is issued with the concurrence of Chairman and Managing Director vide Regd. No. 1976 Dt. 02.05.2019

(BY ORDER IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED)

Enclosure: Annexure-I & II

Chairman and Managing Director

To:

The Chief Engineer/ SLDC / VS / Hyd

The Chief Engineer/ Civil/ VS / Hyd

The Chief Engineer/ Telecom / VS / Hyd

Copy To:

The FA&CCA/ Accounts/ TSTRANSCO/VS/Hyd.

Copy Communicated to:

PS to Chairman & Managing Director/ TSTRANSCO

PS to Joint Managing Director / HRD, Comml& Finance / TSTRANSCO

AE/T to Director / Grid operation / VS/TSTRANSCO

DE/T to Director / Projects / VS/TSTRANSCO

DE/T to Director / Transmission / VS/TSTRANSCO

ADE/T to Director / Lift Irrigation Schemes / VS/TSTRANSCO

Lr.No.CE(SLDC)/SE(SLDC)/DE(SCADA)/F.BackupSLDC/DNo.115/19.Dt: 8.5.2019

//Forwarded::By Order//

Divisional Engineer/SCADA

ANNEXURE-I
T.O.O.(CE-SLDC) Ms.No 358 Dt: 08.05.2019

SCOPE OF WORKS/ SERVICES :

2.1 SCOPE OF WORKS/ SERVICES TO BE PERFORMED BY POWERGRID :

The scope of consultancy services to be rendered by POWERGRID under this agreement will be as under subject to specific exclusions as brought out in clause 2.2 hereinafter:

The scope of works shall include Design, Engineering, NIT, Tender Evaluation, Placement for Award, Project Management, Testing and Commissioning etc as per the following .

- I. Preparation of all Bid documents including technical specification, BOQ, Qualifying Requirement, NIT cost estimate & Conditions of Contract etc. TSTRANSCO will be associated in finalization of specification of the Project.
- II. Invitation & opening of Bids, evaluation of Bids, post bid discussion with the successful bidder, finalization of award recommendation, placement of order / finalization of contract on behalf of owner, issue of contract and post contract co-ordination.
- III. Review and approval of contractor's drawings/documents, witnessing of testing of equipments / materials at test laboratory or factory or site, inspection of materials at manufacturer's works or site and implementation of the agreed quality assurance program of the various manufacture/contractors on behalf of Owner, all within the country only.
- IV. The Owner reserves the right to associate in any inspection of the equipments at manufacturer's work. All the expenses for association of Owner's representative(s) shall be borne by the Owner.
- V. Project management to ensure implementation of agreed contract schedule, supply of all the materials and equipment, and supervision of all such material including handling of materials/ equipments at site, erection, testing & commissioning by the concerned contractor.
- VI. The scope of work shall also include preparatory work, collection/compilation of details/data and preparation of the draft proposal for statutory clearance (if any). Being the owner of the project, the Owner shall obtain all these clearances from the concerned authorities. However, POWERGRID shall assist for obtaining these clearances by way of documentation and representing to concerned agencies.

2.2 EXCLUSION FROM POWERGRID'S SCOPE OF WORKS/ SERVICES:

(Scope of services to be performed by the Owner)

- a) Construction of SLDC building including its interior & furnishing at Warangal.
- b) All statutory clearances from Statutory Authorities including necessary notification(s).
- c) Ensuring timely availability of infrastructure including facilities such as, Air conditioning, Fire fighting, Power Supply etc.
- d) Communication system including PLCC, DCPS and Power Supply System.
- e) Ensuring availability of fund for the Project.
- f) Arrangement for appropriate security at the working locations for smooth and timely execution of the project.
- g) Foreign travels, if any, by POWERGRID personnel shall be payable at actual (as per POWERGRID's rule). This shall be in addition to Consultancy fee payable as per clause no. 7.0
- h) Operation & Maintenance of SLDC, including AMC.
- i) Association of Owner's representative during erection, testing & commissioning, so as to facilitate effective Operation & Maintenance & use of the facility by the Owner.
- k) Any other work not covered in the scope of services at clause no. 2.1 above.

Chairman and Managing Director

Lr.No.CE(SLDC)/SE(SLDC)/DE(SCADA)/F.BackupSLDC/DNo.115/19.Dt 8.5.2019

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Divisional Engineer/SCADA

Annexure-II

T.O.O.(CE-SLDC) Ms.No 358 Dt:08.05.2019

Terms of Payment :

TSTRANSCO shall arrange to release payments for project cost directly to POWERGRID. The terms of payment shall be as follows:

- a) 10% of the estimated project cost (excluding AMC cost) along with corresponding consultancy fee and applicable GST on consultancy fee shall be paid within 15 days of signing of the agreement on the basis of proforma invoice issued by POWERGRID.
- b) 10% of the Awarded project cost (excluding AMC cost) along with corresponding consultancy fee, and applicable GST on consultancy fee shall be paid on placement of award by POWERGRID on contractor.
- c) Balance payment (excluding AMC cost) along with corresponding Consultancy Fee and applicable Taxes/GST on consultancy fee shall be linked to the progress of work & shall be payable quarterly to POWERGRID based on the cost of projected physical progress of supply of goods & services in advance.
- d) Payment arising due to adjustment on account of variation between the presently estimated cost and the cost on award shall be made known to Owner by POWERGRID when the latter is determined. Owner shall regulate the quarterly advance payments (excluding AMC cost) to POWERGRID accordingly.
- e) Payment arising due to adjustment on account of variation between the cost on award(excluding AMC cost) and final executed cost of the project alongwith corresponding Consultancy Fee and applicable Taxes on Consultancy Fee shall be made immediately as per invoice raised by POWERGRID.
- g) The consultancy fee shall be paid by TSTRANSCO to POWERGRID within 15 days of submission of invoice/ proforma invoice.
- h) Payment of AMC charges/cost shall be paid by TSTRANSCO directly to the agency, once the AMC period starts.
- i) Bank Guarantee shall not be furnished by POWERGRID for receiving payments from Owner.
- j) At no stage, POWERGRID shall use its own funds for execution of the project.

k) Any delay in implementation of the project on account of non-availability of funds and services to be provided by the Owner shall not be attributable to POWERGRID and the period of implementation shall be deemed to have been extended to such delays.

Chairman and Managing Director

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