

Annexure-1A to PQR(Ann..1 of NIT)

Ranking Criteria

1. Tenderers are advised that the selection of Consultant shall be on the basis of evaluation by BHEL through the Selection Process specified in this Tender Document.
2. Tenderers shall be deemed to have understood and agreed that no explanation or justification for any aspect of the Selection Process will be extended and that the BHEL / Railway's decisions thereof are without any right of appeal whatsoever.
3. The Proof Consultancy firm shall consist of Key Personnel (the "Key Personnel") and other supporting / technical staff as specified below, who shall discharge their respective specified responsibilities for the entire scope of the Project.

Sl. No	Key Personnel	Professional Qualification required for Eligibility	Length of total Professional Experience required for Eligibility	Length of Relevant Experience required for Eligibility
I	Electrical	Diploma or Degree or equivalent in Electrical / Electronic Engineering	3 years for Degree or 7 years for diploma	He should have worked as Design Engineer in the Overhead electric traction and TSS for one Eligible Assignments on Railway Projects or having experience of at least 2 years in Railway TRD design work
II	S&T	Degree or Diploma or Equivalent in Electrical / communication / Electronics Engineering from a recognized University /Institution	5 years for degree or 7 years for diploma holders	(i) Having worked in Gazetted cadre (DSTE/ASTE or above/ equivalent on Railway (S&T) Deptt. (Preferably, from Signaling background). OR ii) Having atleast 5 years experience as SE(Signal) and above or having at least 7 years experience as JE(Signal) in MACLS system of S&T Department of Railways . OR iii) Having at least 5 years experience as Assistant Manager and above in Signal & Telecommunication Engineering department in RITES/IRCON/RVNL or equivalent grade in Konkan Railway/MRVC/DFCCIL/ any Metro Rail

				<p>corporation having experience of MACLS works.</p> <p>OR</p> <p>iv) Having experience at least 5 years (for Graduates) & 7 years (for Diploma holders) he should have worked as Sector Expert (S&T) for MACLS works on a Railway Projects (S&T) with Project Management Consultants</p> <p>Note: (a) For (iii) & (iv), the incumbent must have successfully passed training course for Junior Engineer (signal) or above at IRISSET/Secunderabad or should be an IRSE/IRSTELO License holder for signaling field. (b) Professional Qualification and Length of professional experience are not applicable for (i) & (ii).</p>
III	Civil	Degree / Diploma or equivalent in Civil Engineering	2 years for Degree / 5 years for Diploma holder	<p>(i) At least 3 year for Diploma / 2 years for Degree holder or 5 year for other having experience of P way works of track laying in construction of Railway Lines or Track Renewals for as Supervisor or in higher capacity</p> <p>OR</p> <p>(ii) At least 3 year for Diploma / 2 years for Degree holder or 5 years for other having experience of as P way Supervisor / JE(P way) or above in Railways</p>

4. Professional Experience and length of experience of two Key Personnel at Sl. I & II of Point 3 above will be considered for technical scoring based on the Scoring criteria as defined in the Point 10 below.
5. Credentials for these two Key Personnel shall be submitted by the Bidder along with the bid that shall include:
 - a) Duly signed CV of the Key Personnel as per the format given in Form 1, 2 & 3.
 - b) Experience Certificates from Consultancy firm Key Personnel has worked with.
6. Credentials of these two Key personnel shall be approved by the Authority during the Technical scrutiny of the bidders Offer. Authority's decisions in this regard will be final.
7. The Proof Consultant shall deploy only those Personnel's whose CV's are approved by the Railway.

8. Bidders will be evaluated on the basis of Bidder's experience and the professional qualifications and experience of Key Personnel. Ranking of the bidders will be made based on the score obtained by them based on the scoring criteria described in subsequent clauses, the highest scoring bidder will be ranked 1 and others will be ranked 2,3,4..and so on based on the scores obtained by them. Names of the first three ranked bidders will be forwarded to Railways. In case first three ranked bidders are rejected by the Railways, names of next three ranked bidders will be forwarded. In case of further rejection, names of next three ranked bidders and so on will be sent till the name of last ranked bidder is forwarded. Price bid of only those bidders will be opened, whose name/s is/are approved by Railways. Ranking of only those bidders will be made, who meet the Prequalifying criteria of the NIT.
9. Definitions
- a) Eligible Assignment: Any type of assignments for "Design and Engineering of Overhead Equipment (OHE), Signaling & Telecommunication, Traction / Switching Substations" works for Railway/Metro works OR for any project executed for Central and State government, Public Sector Undertaking (PSU) of Central and State Government and special purpose Vehicles (SPVs) of Central Government in sector other than Railways/Metro" undertaken by the bidder during last 7(seven) years for from the latest due date of submission of tender will be considered as "Eligible Assignment"
- b) Substantially Completed Assignments:
Those assignments where the bidder has completed 80% of the total awarded value of the assignment (as defined in 9a) above) will be considered "Substantially Completed Assignment".
10. The scoring criteria to be used for evaluation of bidders Offer shall be as follows:

Sl. no	Parameter	Maximum Marks	Criteria
I	Firm's Relevant Experience	30	For completed/ substantially completed Eligible Assignments as defined in point 9 above, marks will be allotted as per the following: 1) For one substantially completed Eligible Assignment: 18 marks 2) For one completed Eligible Assignments: 20 marks 3) For two substantially completed Eligible Assignment:20 marks 4) For more than two substantially completed Eligible Assignments: 22 marks 5) For one completed and one substantially completed Eligible

			<p>Assignment: 22 marks</p> <p>6) For one completed and two or more substantially completed Eligible Assignment:23 marks</p> <p>7) For two completed Eligible Assignment:24 marks</p> <p>8) For two completed and one substantially completed Eligible Assignment:26 marks</p> <p>9) For two completed and two or more substantially completed Eligible Assignment:28 marks</p> <p>10) For three or more completed Eligible Assignment:30 marks</p> <p>Note – The meaning of substantially completed assignments is defined in Point 3 above.</p>
II	<p>Key Personnel's professional qualifications , length of total professional Experience and length of relevant Experience</p> <p>(35 Mark for Each Key Professional)</p>	70	<p>Marks for each Key Personnel will be awarded as given below, based on professional qualification, length of total professional experience and length of relevant experience as defined in Point 3 above.:-</p> <p>(a) Professional qualification – 30 per cent marks:- The breakup of this 30 per cent shall be as under:-</p> <p>(i) Essential – Diploma in relevant engineering domain. If the Key Personnel has a Diploma in the relevant engineering domain, he shall be awarded 20 per cent marks.</p> <p>(ii) Preferred – Graduate degree in relevant engineering domain. If the Key Personnel has a graduate degree in the relevant engineering domain, he shall be awarded 30 per cent marks.</p> <p>(b) Length of experience – 70 per cent marks:- The breakup of this 70 per cent shall be as under:- Experience shall be divided into two parts i.e. total professional experience and relevant experience for the assignment. The professional experience shall be assigned 25 per cent marks and relevant experience shall be assigned 45 per cent marks.</p>

			<p>(i) If the key personnel is having length of total professional experience equal to the length of total professional experience required for eligibility as specified in Point 3 above, he shall be assigned 15 per cent marks, and additional two per cent marks shall be assigned for each additional year of experience subject to maximum of total 25 per cent.</p> <p>(ii) If the key personnel is having length of relevant experience equal to the length of the relevant experience required for eligibility as specified in point 3 above, he shall be assigned 30 per cent marks, and additional three per cent marks shall be assigned for each additional year of the relevant experience subject to maximum of total 45 per cent marks.</p>
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FORM-1**Particulars of Key Personnel**

Designation of key Personnel	Name	Educational Qualification	Length of Professional Experience	Present Employment		No of Eligible Assignments*
				Name of Firm	Employed Since	
Electrical						
S&T						
Civil						

***Refer Form 2 of Experience of Key Personnel**

Sign & Stamp of the Bidder

FORM 2**Curriculum Vitae (CV) of Key Personnel**

1. **Proposed Position:**
2. **Name of Personnel:**
3. **Father's Name:**
4. **Date of Birth:**
5. **Age as on TSD:----- Years----- Months----- Days**
6. **Nationality:**
7. **Educational Qualifications:**
8. **Employment Record :(Starting with present position, list in reverse order of every employment held.).**
9. **Details of qualifications, length of professional experience and relevant experience are given as under:-**

Sl. no	Qualification criteria	Requirements as per Clause 3 of Annexure A	Details of Key personnel
1	Professional Qualification		
2	Length of total Professional Experience (Organization Name, Designation, Work experience, Duration etc.)		
3	Length of Relevant Experience (Organization Name, Designation, Work experience, Duration etc.)		
4	Does the personnel have any history of involvement in vigilance/CBI/SPE/Police case resulting in major penalty punishment of removal/dismissal/compulsory Retirement or conviction.	No (If the answer is Yes, then the personnel shall be disqualified and his CV shall be assigned Zero marks)	

10. **Details of the current assignment and the time duration for which services are required for the current assignment.**

Certification:

- (i) I am willing to work on the Project and I will be available for the entire duration of the Project assignment as required.
- (ii) I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience.

Signature of Key Personnel

Sign & Stamp of the Bidder

FORM-3**Experience of Key Personnel****Name of the Key Personnel:**

Sl. no	Name of Project along with brief description of the Project	Name of Firm for which Key Personnel worked	Designation of the Key Personnel on the Project	Date of Completion of Project Assignment	Number of Months Completed
1.					
2.					
3.					
4.					
Aggregate No. of Eligible Assignments:					
(Signature of the Key Personnel)			(Counter Signature of the Authorized Signatory)		
Seal of the Bidder					

Note: Use separate Form for each Key Personnel