

SPECIAL CONDITIONS
(Quality and Cost Based Selection)
Additional Eligibility Criteria to be complied by the bidders

The following additional eligibility criteria, in addition to the Eligibility conditions in General Conditions of Contract are to be fulfilled/complied by the bidder/s for their selection & opening of price bids.

1.0 Brief Description of Bidding Process (QCBS)

1.1 Railways has adopted a single stage two packet system (referred to as the "**Bidding Process**") for selection of the Bidder. The 1st (first) part (the "**Technical Bid**") of the process involves evaluation of the requirements of the technical bid by the interested parties and who submits a Bid in accordance with the provisions of this NIT (the "**Bidder**"). The 2nd (second) part of the process involves opening of financial bids (the "**Financial Bid**") of the bidders qualified in Technical Bid. The Technical and Financial Bid shall collectively be referred as Bid (the "**Bid**"). Bids will finally be ranked according to their combined technical & financial scores as specified in the foregoing paras.

1.2 As this work is like Rate contract, work order/s will be issued time to time with approval of Chief Engineer/Construction for execution of survey work/s. Many work orders may be issued at the same time and bidder to note that completion of said work order is time bound, thus bidder may be required to engage extra resources as & when required.

2.0 Criteria for Eligibility & Evaluation

2.1 Conditions of Eligibility of Bidder

2.1.1 Bidders must carefully read the minimum conditions of eligibility (the "Conditions of Eligibility") provided here:

2.1.2 To be eligible for evaluation of its Bid, the Bidder shall fulfil the following (in addition to the compliance/fulfilment of the technical capacity, financial capacity, bid capacity and other eligibility conditions stipulated in the General Conditions of Contract for this tender.

2.2 Availability & conditions of eligibility for working key personnel

2.2.1 The Bidder shall offer and make available Working Key Personnel along with Team Leader meeting the requirements specified in Table-1 those who will proposed to assists Railways while execution of survey. Bidder shall also make available sufficient necessary survey teams, individual in addition to individual specified in Table-1 for various survey activities in field/ office to complete the work within completion period.

2.2.2 Team Leader should be on the payroll of the Bidder before Bid Due Date or shall give an undertaking to join the bidder immediately upon award of the work. All other key Personnel shall be directly employed/engaged with the Bidder prior to the commencement of the service/s.

2.2.3 Consequent to award of contract, Railways will not consider any substitution of key personnel, except for reasons of any incapacity, death, or any reasons beyond the

reasonable control of the Bidder. Such substitution shall be subject to equally or better qualified and experienced personnel being provided to the satisfaction of Railways. Such substitution/replacements (other than for reasons of any incapacity or death) will be with damages payable to Authority at the rate of Rs. 3 lakhs for Team Leader and 2 lakhs for other key personnel for each substitution during the period of contract.

2.2.5 At the stage of Interaction with Team and Skill Test of Key Personnel, as per Table-1 it has to be certified by the Bidder that there is no conflict regarding availability of the proposed key personnel with respect to other projects on Ministry of Railways and if such a conflict comes to its notice any time before issue of letter of acceptance in the present tender, it shall be brought to the notice of the Railways immediately.

2.2.6 Failure of Team Leader, Alignment Expert and Traffic Expert to meet the eligibility criteria as per Table-1 shall result in summary rejection of the offer.

2.3 Eligible Assignment:

For the purpose of Technical Capacity and evaluations, the consultant services contract shall qualify as Eligible Assignment, (the “Eligible Assignment”), if the nature of the projects for which the above consultancy Services have been engaged for development and/or feasibility study is for

“Any project involving final location survey and preparation of DPR for Railway/Metro/High speed Rail/Regional Railway Project”.

2.4 Evaluation of marks for bid

2.4.1 In the first stage, the Technical Bid will be evaluated as per Clause 2 Based on the technical evaluation, and only those Bidders whose Technical Bid score is 49 or more out of 70 shall qualify for further consideration and shall be ranked from highest to the lowest on the basis of their technical score (ST). They will be designated as T1, T2, T3, T4 and so on based on their Technical Score (ST) from highest to lowest respectively.

Table-1

Sl. No.	Parameter	Max Marks	Criteria
1	Relevant Experience of Bidder shall submit work done certificates (completed substantially completed during the qualifying period of this tender) in support of their	240	40 marks for each completed eligible assignment and 32 marks for each substantially completed eligible assignment (similar nature of work as defined in the technical eligibility criteria) in the last 7 (seven) years, ending last day of month previous to one in which tender is invited. Note: (i) Completed eligible assignment shall each be of value 60% or more of the advertised tender value. (ii) For substantially completed eligible assignments, in addition to the stipulation

	eligible assignments		contained in GCC, the bidders should have submitted DPR of to the authority competent to accept such DPRs, and a specific mention to that effect should be made by the certificate issuing authority with respect to substantially completed assignments.
2	Average annual contractual turnover as per financial eligibility condition in GCC	180	<p>3 marks for each crore or part thereof subject to maximum of 180 marks</p> <p>Note: In case Audit is not completed for the last completed financial year, a certificate from Auditor, indicating pendency of Audit for the last completed</p>
3	<p>Team Leader (1 – One number)</p> <p>Resume/CV (as per the attached format) to be submitted for evaluation</p>	75	<p>15 marks for experience as Team Leader/Deputy Team Leader/Project Head/ /Resident Engineer in each Eligible Assignment (as defined in Technical Eligibility Criteria) in past 20 (twenty) financial years and including the current financial year preceding the bid due date, subject to maximum of 75 marks for Team Leader</p> <p>Qualification: Graduate in Civil Engineering with minimum 10 years' experience (experience will be counted only after Graduation). Team Leader should be on the rolls of the bidder as on the date of the bid, or he shall give an undertaking to join the bidder immediately upon award of the work.</p> <p>Minimum number of days of deployment on cumulative basis for any single project claimed as eligible assignment: 365 days</p> <p>Maximum age at the time of deployment: 65 years</p> <p>Note: The Team Leader shall give a specific undertaking in the CV/Resume that the information furnished by him are true & correct, and that if any information given by him/her are to be found untrue/false at a later stage, he/she shall be liable for criminal prosecution.</p>
4.	<p>Alignment Engineer (Two number)</p> <p>Resume/CVs (as per the attached format) are to be</p>	50	<p>10 marks for experience as Alignment Engineer/Domain Expert in each Eligible Assignment (as defined in Technical Eligibility Criteria) in past 20 (twenty) financial years and including the current financial year preceding the bid due date, subject to maximum of 40 marks for Alignment Engineer.</p> <p>Each Alignment Engineer will be evaluated</p>

	submitted for evaluation		<p>separately for a maximum of 50 marks each and average of the marks of the two alignment engineers will be considered for the overall technical score.</p> <p>Qualification: Graduate in Civil Engineering with minimum 4 years' experience in alignment design (experience will be counted only after Graduation) or Diploma in Civil Engineering with minimum 7 years' experience.</p> <p>Minimum number of days of deployment on cumulative basis for any single project claimed as eligible assignment: 365 days</p> <p>Mandatory Skills: AutoCAD, Civil 3D, Global Mapper.</p> <p>Maximum age at the time of deployment: 65 years</p> <p>Note: The Alignment Engineer should possess the qualification, experience & mandatory skills stipulated, and the same shall be indicated specifically in the CV/Resume. If the Alignment Engineer does not comply with any of these requirements, then the bid of the bidder is liable for summary rejection.</p> <p>The Alignment Engineer shall give a specific undertaking in the CV/Resume that the information furnished by him are true & correct, and that if any information given by him/her are to be found untrue/ false at a later stage, he/she shall be liable for criminal prosecution.</p> <p>Alignment Engineers is/are to be physically deputed at the Office of the Deputy Chief Engineer, Ernakulam as and when required by the Engineer in charge (within 10 days of notice of such requirement) for a cumulative period of 365 man days. The delay or failure in deployment of alignment Engineer at Ernakulam will result in penalty of Rs. 5000 per day. The rates quoted is inclusive of the all the costs of physical deployment Alignment Engineers as above and additional payment will not be applicable.</p>
5.	Traffic Expert (1) Resume/CV (as per the attached	40	10 marks for experience as Traffic Expert/ Traffic Engineer in each Eligible Assignment (as defined in Technical Eligibility Criteria) in past 20 (twenty) financial years and including

	format) to be submitted for evaluation		<p>the current financial year preceding the bid due date, subject to maximum of 40 marks for Traffic Expert.</p> <p>Qualification: Post Graduate in Transportation Planning/Transport Economics/ Economics/ Commerce with minimum 2 years' experience</p> <p>Minimum number of days of deployment on cumulative basis for any single project claimed as eligible assignment: 365 days</p> <p>Maximum age at the time of deployment: 65 years</p> <p>Note: The Traffic Expert should possess the qualification & experience stipulated, and the same shall be indicated specifically in the CV/Resume.</p> <p>The Traffic Expert shall give a specific undertaking in the CV/Resume that the information furnished by him are true & correct, and that if any information given by him/her are to be found untrue/false at a later stage, he/she shall be liable for criminal prosecution.</p>
6.	Proposed methodology & work plan	50 marks	A 10 minutes presentation to be submitted by the Team Leader at the time of interaction explaining their methodology plan to execute the work
7.	Interaction with the Team	65 marks	
a.	Team Leader	30 Marks	
b.	Alignment Engineer	20 Marks	
c.	Traffic Expert	15 Marks	
8.	Grand Total	700 Marks	
9.	Technical Score	Grand Total (as per Item Code 10 above)/10 i.e., 70	

2.5 Evaluation of Financial Bid

2.4.1 After the technical evaluation as above, the financial bids of top 6 (six) bidders only with highest technical scores (i.e., T1, T2, T3, T4, T5 & T6 only) shall be opened.

2.4.2 After the financial bids are opened as above, the financial bids will be

ranked from lowest to highest and designated as L1, L2, L3, L4, L5 & L6 respectively.

2.4.3 For financial evaluation, the total cost indicated in the financial bid will be considered.

2.4.4 Each of the above six financial bids (i.e., L1, L2, L3, L4, L5 & L6) will be assigned a financial score (SF). The lowest financial bid (L1) will be given a financial score (SF) of 30 points.

The financial scores of other bids will be computed as follows:

SF of L1	30
SF of L2	$30 \times L1/L2$
SF of L3	$30 \times L1/L3$
SF of L4	$30 \times L1/L4$
SF of L5	$30 \times L1/L5$
SF of L6	$30 \times L1/L6$

2.5 Combined Techno-Financial Evaluation (QCBS)

2.5.1 The Combined Technical (ST) & Financial (SF) scores will be computed as follows:

$$S = ST + SF$$

Where S is the Combined Score. The Bidder scoring the highest Combined Score shall be designated as H1.

2.6 Selection of Bidder

2.6.1 The Selected Bidder shall be the first ranked bidder H1.

2.6.2 Railways shall annul the bidding process in case the first ranked bidder withdraws or fails to comply with the requirements specified in this NIT.

2.6.3 In the event two or more bidder(s) obtain equal marks in overall marks obtained (S), the bidder(s) having higher technical score will be finally awarded the contract. However, in case technical score is also equal, then the bidder(s) having higher financial capacity shall be awarded the contract.

FORMAT OF RESUME/CV
(For all Key Personnel)

Self-attested Photo of the Candidate

Position for which proposed			(Insert proposed position of Key Personnel)		
Name (in block letters)					
Address with Aadhaar Number					
Date of Birth					
Qualification with name of Institution (also mention affiliated to which University) (only recognised Universities/Boards shall be considered)					
Total Experience (in years)					
Skills					
Detailed Experience					
SN	Name of Client	Name of the Assignment	Period spent in the assignment (From-To)	No. of days in the assignment	Brief of activities carried out in the assignment
1					
2					
3					
4					
5					
..					

Declaration from the Key Personnel

- 1) I, (Name of the Key Personnel), do hereby declare that the above statements are true & correct.
- 2) I have given my consent to the bidder for proposing my name in this tender against the above key personnel's position. I am aware that my details (including personal information) shall be uploaded in public domain, and I have no objection for the same.
- 3) I am not involved in any Vigilance/CBI/Police cases, and have not been convicted by any Court of Law.
- 4) I also declare that if at any point of time in future it is found that any of the information furnished by me is untrue/false, then Railways is at liberty to initiate criminal proceedings against me.

Signature of the Key Personnel

CERTIFICATION FROM THE BIDDER

The above information has been cross-checked and found to be correct. We are aware that if at any point of time in future it is found that any of the information furnished by the above person is untrue/false, then Railways is at liberty to initiate criminal proceedings against the said person as well as against us.

Authorised Signatory of the Bidder