

**SECTION 7
ELIGIBILITY AND QUALIFICATION
CRITERIA**

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ELIGIBILITY AND QUALIFICATION CRITERIA

This section contains all the criteria that MRIDC will use to evaluate Bids and qualify Bidders through post-qualification. No other factors, methods or criteria shall be used other than specified in this bidding document. The Bidder shall provide all the information requested in the forms included in Annexures.

7 Evaluation

7.1 Adequacy of Technical Proposal

Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity i.e. experience of having executed similar nature of work as detailed in the following paras.

7.2 Technical Eligibility Criteria:

7.2.1 The Consultant should have successfully completed the Primary Detailed Design Consultancy services for atleast one tunnel of **minimum 5000 m in length** & at least two tunnels of **minimum 1000 m in length** for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed, during last 25 years, ending last day of month, previous to the month in which tender is invited, in India or Foreign country.

7.3 The Consultant has to submit certificate duly verified by Client whether the construction work of the respective tunnels have been successfully completed or not.

The client's certificate should inter- alia indicate the date of award, scheduled date of completion, actual date of start and completion, length of tunnel, methodology of tunnel execution & excavated cross sectional area of tunnel.

Successfully completed: It shall mean, that the work must be satisfactorily completed in all respect.

7.4 In case, if the certificates submitted by Firm /Agency is found to be false / forged or incorrect at any time after the award of contract, it will lead to termination of the contract, along with forfeiture of Retention Money and Performance Guarantee besides any other action provided in the contract including banning of business with MRIDC for five years from the date of such order.

7.5 Minimum Eligibility criteria for Key Personnel:

Sr. No.	Position	No. of Staff	Qualification	Experience
1	Team Leader	01	- Graduate in Civil or Engineering equivalent	At least 20 years of Civil Engineering profession, out of which

Sr. No.	Position	No. of Staff	Qualification	Experience
			<ul style="list-style-type: none"> - Post Graduate in either of the Following <ul style="list-style-type: none"> • Geotechnical Engineering reports • Tunnel Engineering • Rock Mechanics • Structural Engineering 	<ul style="list-style-type: none"> - Minimum 15 years of Implementation experience in Tunnelling works. - Should have primary detailed design experience of atleast 1 tunnel of length more than 3000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed. - Should have primary detailed design experience of atleast 2 tunnels of length more than 1000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed.
2	Senior Tunnel Design Engineer	01	<ul style="list-style-type: none"> - Graduate in Civil Engineering or equivalent - Post Graduate in either of the Following <ul style="list-style-type: none"> • Geotechnical Engineering reports • Tunnel Engineering • Rock Mechanics • Structural Engineering 	<p>At least 15 years of Civil Engineering profession, out of which</p> <ul style="list-style-type: none"> - Minimum 10 years of Implementation experience in Tunnelling works. - Should have primary detailed design experience of atleast 1 tunnel of length more than 2000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed. - Should have primary detailed design experience of atleast 2 tunnels of length more than 1000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed.
3	Tunnel Design Engineer	02	<ul style="list-style-type: none"> - Graduate in Civil Engineering or equivalent - Post Graduate in either of the Following <ul style="list-style-type: none"> • Geotechnical Engineering reports • Tunnel Engineering • Rock Mechanics 	<p>At least 12 years of Civil Engineering profession, out of which</p> <ul style="list-style-type: none"> - Minimum 8 years of Implementation experience in Tunnelling works. - Should have primary detailed design experience of atleast 1 tunnel of length more than 1000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed.

Sr. No.	Position	No. of Staff	Qualification	Experience
			<ul style="list-style-type: none"> Structural Engineering 	<ul style="list-style-type: none"> Should have primary detailed design experience of atleast 1 tunnel of length more than 500 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed.
4	Senior Geologist	01	-Post Graduate in Geology	<p>At least 20 years of professional experience out of which:</p> <ul style="list-style-type: none"> Minimum 15 years of experience in Tunnelling works comprising. Should have worked in atleast 1 Tunnel of length more than 3000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed. Should have worked in atleast 1 Tunnel of length more than 1000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed.
5	Geologist	01	-Post Graduate in Geology	<p>At least 15 years of professional experience out of which:</p> <ul style="list-style-type: none"> Minimum 10 years of experience in Tunnelling works comprising. Should have worked in atleast 1 Tunnel of length more than 2000 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed. Should have worked in atleast 1 Tunnel of length more than 500 m for rail line project of speed potential of minimum 250 kmph by NATM approach or similar, for which construction work should have been successfully completed / physically completed / substantially completed.
6	Quantity Surveyor	01	- Graduate in Civil or Engineering equivalent	Minimum 10 years of experience in Quantity survey for Rail line / Road / Metro projects

Consultant shall not propose alternative Key Experts. Only one CV shall be submitted for each Key Expert position. Failure to comply with this requirement will make the Proposal non-responsive.

7.6 Documents testifying bidder's previous experience, key personnel and financial status should be produced along with the tender.

Bidder(s) shall submit along with his / their tender:

- i. Certificates and testimonials regarding contracting experience for the type of job for which tender is invited with list of services carried out in the past.
- ii. Certificates which may be an attested Certificate from the client, Audited Balance Sheet duly certified by the Chartered Accountant etc. regarding contractual payments received in the past.
- iii. The resume submitted by the Bidder shall be mandatorily signed by the Key personnel to whom the resume belongs and countersigned by the authorized representative of the Bidder.
