

**TERMS & CONDITIONS
FOR
ENLISTMENT/ ENHANCEMENT/ REVALIDATION
AND
PERFORMANCE MONITORING
OF
CONSTRUCTION CONTRACTORS
AND
LOGISTIC SERVICES PROVIDERS**

2	04.12.2023	General Revision	DDC	DRC	ED-SCM(I)
1	01.10.2021	General Revision	DDC	DRC	ED-SCM(I)
0	04.07.2016	General Revision	DDC	DRC	ED(I)
Rev. No.	Date	Purpose	Prepared by	Reviewed by	Approved by

Abbreviations:

CPSE	Central Public Sector Enterprise
D (C)	Director (Commercial)
EIC	Engineer In-Charge
EIL	Engineers India Limited
EPCC	Engineering, Procurement, Construction & Commissioning
GeM	Government e Marketplace
HOD	Head of Department
ISO	International Organization for Standardization
MCL	Master Contractor's List
OCEMS	Online Contractor Enlistment Management System
PDD	Procurement Development Department
PDF	Portable Document Format
PM	Project Manager
PMC	Project Management Consultant
PSU/ CPSE	Public Sector Unit/ Central Public Sector Enterprise
RCM	Resident Construction Manager
SCEC	Supplier Contractor Evaluation Committee
SOR	Schedule of Rates
SSI	Small Scale Industry

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1. PURPOSE

As a consultant, it is obligatory on the part of EIL to have a list of Construction Contractors/ Logistic Service Providers for projects being executed by EIL. Accordingly preparing, updating and maintaining the list of contractors shall be carried out by Procurement Development Department (PDD) on regular basis. The purpose of this procedure is to formulate methodology to be followed for Enlistment/Enhancement/ Revalidation and performance monitoring of construction contractors and logistic service providers.

2. SCOPE

This procedure is applicable for Indigenous as well as Foreign Construction Contractors and Logistic Service Providers. This document does not cover the contractors for EIL in-house jobs.

2.1 Who can apply?

Any Construction Contractor/ Logistics Service provider who has been awarded the job by owner, or any sub-contractor of the main contractor who has experience of similar jobs carried out during past 7 years. Details of qualification experience required for enlistment/ Enhancement are described under Clause No. 10 of this document.

3. REFERENCES

- 3.1** Quality Plan- Construction Contractor Group of PDD, Document No. 2-1844-0002.
- 3.2** Procedure for Suspension/ Banning of Business Dealings, Document No. 5-1844-0009, Latest Revision.

4. DEFINITIONS

4.1 TRADE CATEGORY

The various types of works at site are divided into separate heads, with a unique code, known as trade category.

4.2 ENLISTMENT

Registration of new contractors into EIL databank of construction contractors.

4.3 ENHANCEMENT

Assessment of contractor for enhancement in work profile i.e., enhancement in experience for enlisted trade categories / addition of new Trade Categories. Addition of new job as a Second Job/ Third Job in respective enlisted trade category can be considered as enhancement case.

4.4 REVALIDATION

Re-assessment of already enlisted contractor in the enlisted trade category.

4.5 SCEC

Supplier Contractor Evaluation Committees (SCEC) is the authorized body constituted by Management of EIL to take decisions regarding Contractor's approval for Enlistment/Enhancement/Revalidation or any other related issue. SCEC comprises of senior executives nominated by EIL Management as its members and HOD (PDD) as its convener.

4.6 COMPLETION CERTIFICATE

'Completion Certificate' shall mean certificate issued by the Owner/ PMC/ Main Contractor for successful completion of work performed by the contractor.

5. METHODOLOGY AND CONTROLS

5.1 NEW ENLISTMENT/ ENHANCEMENT OF CONTRACTOR

- 5.1.1** Contractor shall apply online through EIL website <https://www6.eil.co.in/CES>
- 5.1.2** Application will be reviewed by Engineering/ Specialists/ PDD as per prevailing practices as applicable.
- 5.1.3** In line with prevailing guidelines, Enlistment/ Enhancement may also be done based on approved TBA/PBO.
- 5.1.4** After successful review of above, Agenda with Recommendation shall be presented along with all relevant documentation to Supplier Contractor Evaluation Committee (SCEC) for deliberation and decision on approval of the Contractors. After SCEC approval, MCL shall be updated accordingly.

5.2 REVALIDATION / ANNUAL UPDATION OF DATA

- 5.2.1** Contractors shall submit application for Revalidation of Enlistment 6 months prior to expiry of the validity.
- 5.2.2** Contractor shall apply online for Revalidation through website <https://www6.eil.co.in/CES>
- 5.2.3** Revalidation of Contractors shall be reviewed by PDD and put up before SCEC for approval. SCEC may moderate the recommendations as deemed fit or approve without any change.
- 5.2.4** Revalidation of contractors is initiated on the basis of the request received from contractors and follow up by EIL.

5.3 CONFIRMATION OF ENLISTMENT/ REJECTION TO CONTRACTORS

- 5.3.1** Contractor shall be issued a letter of Enlistment/ Enhancement / Revalidation after processing of their application.
- 5.3.2** Rejection of Contractor's request due to any reason, during processing shall be communicated to the Contractor. However, in case of dispute, contractors may submit their representation before HOD-PDD.
- 5.3.3** In case contractors do not submit complete details despite reminders/follow-up within stipulated time, their application will be closed by PDD. Contractors not found competent during review of their application, will not be considered for Enlistment/ Enhancement/ Revalidation. Further, decision of EIL will be final in this regard.

5.4 PERFORMANCE FEEDBACK

- 5.4.1** All contractors working at EIL sites are expected to honor the timeline as per contract and their performance shall be evaluated by respective EIC/PM/RCM on regular basis and in case performance is found to be poor or any other concerns, Suspension/ Banning proceedings can be initiated against them on account of various defaults as per applicable grounds defined in Procedure for Suspension/ Banning of Business Dealings (Document No. 5-1844-0009, Latest Revision)

5.5 SUSPENSION / BANNING OF CONSTRUCTION CONTRACTOR:

Shall be as per procedure laid down in Procedure for Suspension/ Banning of Business Dealings (Document No. 5-1844-0009, Latest Revision).

5.5.1 Revocation of Suspension / Banning:

Shall be as per procedure laid down in Procedure for Suspension/ Banning of Business Dealings (Document No. 5-1844-0009, Latest Revision).

5.6 DORMANT CONTRACTORS

An enlisted contractor shall be liable to be declared dormant, if all of the following conditions are met,

- a. No quote in last three years for minimum 2 Nos. tenders floated by EIL on Limited basis.
- b. No request for Revalidation even after expiry of one year from lapse of enlistment validity and
- c. No response to PDD Notice or response to PDD notice is found unsatisfactory.

After receipt of an application for Enlistment from dormant contractors, their application shall be processed as per the extant procedure for Enlistment.

5.7 OTHER ADDITIONAL POINTS

- 5.7.1** In case, any contractor does not update his data i.e. qualifying job is more than seven years old or annual turnover is not submitted for previous three years despite reminders, then EIL reserves the right to remove name of such contractors from EIL databank with the approval of the Competent Authority in EIL. Further, in case qualifying job details are older than 7 years, in such cases, Revalidation will not be processed.
- 5.7.2** A list of enlisted contractors shall be maintained in OCEMS which shall be updated on continuous basis. Enlistment of any agency shall be valid for a period of 3 years only from the month of issue of enlistment letter.
- 5.7.3** In case experience i.e., work order is in the name of erstwhile agency which has subsequently been acquired by or merged with agency requesting enlistment, such experience will be considered only on submission of legal documents in support of such acquisition or merger.

5.8 COMMON INSTRUCTIONS TO CONSTRUCTION CONTRACTORS / LOGISTIC SERVICE PROVIDERS

- 5.8.1** Construction Contractor/ Logistic Service Provider will submit application and upload all documents online through website (<https://www6.eil.co.in/CES>). Application submitted through any other mode will not be accepted for processing.
- 5.8.2** Construction Contractor/ Logistic Service Provider seeking enlistment are advised to carefully read the terms & conditions, and evaluate before applying, whether their company qualifies for enlistment against trade categories for which they are seeking enlistment.
- 5.8.3** All files to be uploaded must be in PDF, and maximum size of each file should not exceed more than 20MB.
- 5.8.4** Processing of application for enlistment shall generally take around 4 months. However, this depends on quality of documents submitted and time taken by contractor to respond to EIL queries.
- 5.8.5** In case of receipt of incomplete documentation, Construction Contractor's/ Logistic Service Provider's application shall be rejected.
- 5.8.6** Upon successful completion of review and approval by Competent Authority, letter of enlistment shall be issued. The validity of enlistment shall be for a period of 3 years and thereafter same is required to be revalidated as per the applicable procedure.
- 5.8.7** Construction Contractor/ Logistic Service Provider can view status of their application on EIL website (<https://www6.eil.co.in/CES>).

5.9 GENERAL CRITERIA FOR CONSTRUCTION CONTRACTORS

5.9.1 A job executed by a contractor for its own plant/projects cannot be considered as experience for the purpose of meeting requirement of enlistment criteria. However, jobs executed for Subsidiary/ Fellow subsidiary/ Holding company will be considered as experience for the purpose of meeting enlistment criteria subject to submission of tax paid invoice(s) duly certified by Statutory auditor of the contractor towards payments of statutory tax in support of the job executed for Subsidiary/ Fellow subsidiary/ Holding company. Such contractor shall submit these documents in addition.

5.9.2 A job completed by a contractor as a sub-contractor shall be considered for the purpose of meeting the experience criteria of enlistment/ enhancement subject to submission of following documents:

- a) Copy of work order along with SOR issued by main contractor **AND**
- b) Copy of Completion Certificates issued by main Contractor having details like work order no. /date, brief scope of work, ordered & executed value of the job, completion date etc. **AND**
- c) Completion certificate from end user/ Owner mentioning that the work has been executed as a subcontractor **OR** a copy of approval by end User/ Owner for engaging as sub-contractor. Wherever the owner/ end user had appointed a PMC / Engineer-in-charge to act on their behalf, then completion certificate/ approval of sub-contractor by such PMC / Engineer-in-charge shall also be acceptable.

5.9.3 For Experience Based on Composite Works:

In case contractor has completed contract(s) of composite works which includes any of the qualifying work(s), then value of such qualifying work(s) out of the total value of composite works shall be considered for the purpose of qualification.

Note: For composite works, in the event the value of the qualifying work(s) cannot be ascertained from the work order/ completion certificate submitted by contractor, Copy of SOR as per Contract, relevant pages of Contracts, copy of relevant pages of final bill certified by Owner for establishing requirement of Qualification Criteria or written letter from their client specifying the nature of work with quantities and values can be submitted for qualification.

5.9.4 In case more than one work order /Purchase order (for example work orders for engineering, supply and erection) is issued against same tender/ purchase requisition for supply and construction, value of such orders will be clubbed and it will be considered as a single work order.

5.9.5 If jobs were executed earlier as joint venture or consortium, requisite details pertaining to nature of job, responsibility/scope of the contractor along with copy of joint venture/consortium agreement clearly indicating scope, responsibility of the partners, final executed value by the Contractor along with documentary proof regarding break up of executed value among partners of consortium/joint venture, type of guarantees provided etc are required to be submitted.

5.9.6 In case of specialised jobs, if engaging services of a backup consultant, copy of valid Memorandum of Understanding/Agreement with such backup consultant and credentials of experience of back up consultant is required.

5.10 GENERAL CRITERIA TO LOGISTIC SERVICE PROVIDERS

- 5.10.1** 100% owned subsidiary of a Foreign Agency can be considered for enlistment provided the work has been carried out by them.
- 5.10.2** Experience of the contractors will be considered for jobs carried out in India. Experience for foreign countries may also be submitted.
- 5.10.3** If jobs were executed earlier as joint venture or consortium, requisite details pertaining to nature of job, responsibility/scope of the contractor along with copy of joint venture/consortium agreement clearly indicating scope, responsibility of the partners, final executed value by the Contractor along with documentary proof regarding break up of executed value among partners of consortium/joint venture, type of guarantees provided etc. shall be furnished.
- 5.10.4** A job completed by a contractor as a sub-contractor shall be considered for the purpose of meeting the experience criteria of enlistment/ enhancement subject to submission of following documents:
- a) Copy of work order along with SOR issued by main contractor **AND**
 - b) Copy of Completion Certificates issued by main Contractor having details like work order no. /date, brief scope of work, ordered & executed value of the job, completion date etc. **AND**
 - c) Completion certificate from end user/ Owner mentioning that the work has been executed as a subcontractor **OR** a copy of approval by end User/ Owner for engaging as sub-contractor. Wherever the owner/ end user had appointed a PMC / Engineer-in-charge to act on their behalf, then completion certificate/ approval of sub-contractor by such PMC / Engineer-in-charge shall also be acceptable.

5.11 DOCUMENTS REQUIREMENT:

- 5.11.1 General Documents** : Details of General Documents those required to get enlisted with EIL can be found by visiting website <https://www6.eil.co.in/CES> and then selecting "Enlistment/ Enhancement/Revalidation" as Request Type, Indian/ Foreign as Contractor Type and then General Documents as Trade Category.
- 5.11.2 Trade category specific Documents**: Technical documents. Please visit "Contractor section" on enlistment portal. Basic Technical Requirements listed therein are indicative only, application shall be reviewed / scrutinized based upon Engineering requirement pertaining to respective trade category as the case may be.
- 5.11.3 MSME Specific Documents**: Udyam Registration Certificate. This clause is not applicable to foreign Contractors / non-MSME Indian Contractors.
- 5.11.4 SC/ST led organisation**: SC/ST social category certificate issued by the statutory body. This clause is not applicable to foreign Contractors.
- 5.11.5 Women led organisation**: Documentary evidence to establish that organization is led by women. This clause is not applicable to foreign Contractors.

5.11.6 Documents authentication requirement:

S. No.	Type of Contract or	Type of company	Authentication requirement
a.	Indian / Foreign	Proprietorship / Partnership firms / Limited Liability Partnership / Limited Liability Company / Others	Contractor shall submit a certificate as per format PDD-A-01 (Refer page 13 of this document), duly signed by Proprietor / Partner. It may be noted that PDD-A-01 shall be notarized / apostille in country of origin.
b.	Indian / Foreign	Private Ltd/ Public Ltd/ Central Govt or State Govt Undertaking	Contractor shall submit a certificate as per format PDD-A-01 (Refer page 13 of this document), duly signed by CEO/ CFO / Company Secretary or any member of the Board of Directors / Company official with Power of Attorney (PoA).

5.11.7 Authentication requirement in case documents are in a language other than English:

Whenever documents furnished by a Contractor are in a language other than English, in such a case, English translated copies shall also be submitted by the Contractor along with the authenticated copy of the original documents. Translated documents shall be signed and stamped by local chamber of commerce.

For Foreign Contractors, English translated copies shall be duly certified by any one of the following:

- Local Chamber of Commerce in the country of origin (of Contractor).
- Indian Embassy in the country of origin (of Contractor).
- Embassy of the country of origin (of Contractor) in India.
- Any translator in India recognized / authorized by Embassy of the country of origin (of Contractor).

6. MANDATORY INSTRUCTIONS:

1. Applications shall be accepted online for processing only for the trade category existing within the list of trade categories for enlistment. List of trade categories and experience requirements for enlistment are mentioned in Clause No. 10 of this document.
2. The contractor must furnish all necessary documents such as copies of work order/purchase order/contract agreement clearly indicating scope of work and value of the contract, completion certificates of similar works executed as meeting the qualification criteria, Annual Report including audited Balance Sheets or Audited Financial Statements, Audited Profit & Loss Account etc. along with the application.
3. Only works which have been completed successfully will be accepted for enlistment/ enhancement purposes and it will be responsibility of contractor to produce documents in this regard. Also, Completion certificate mentioning poor performance/ financial penalty will not be considered for enlistment/ enhancement purposes. Contractor shall produce documentary evidence toward time extension wherever asked for it.
4. Submission of authenticated documents is the prime responsibility of the contractor. Whenever EIL is concerned/ apprehensive regarding authenticity/correctness of any documents, EIL reserves the right to get the documents cross-verified from the document issuing authority and it shall be duty of the contractor to provide best possible assistance to EIL for such verification.
5. Replies to queries must be specific and not vague. Documents as asked as per questionnaire must be uploaded in single reply. Documents uploaded in part shall not be accepted.
6. Indian contractors seeking enlistment under MSME category (Micro, Small, Medium), must submit a UDYAM Registration certificate clearly indicating type of MSME.
7. Quality Management System must be certified by any independent authorized agency and shall have valid ISO 9001 certification.
8. Contractor applying for Enlistment/ Enhancement/ Revalidation should have valid Occupational Health & Safety Management System (ISO-45001) certification issued by an independent authorized agency or they should have Corporate HSE policy.
9. Contractor applying for Enlistment/ Enhancement/ Revalidation are required to upload Solvency certificate (of any amount) issued by a scheduled bank, however, it should have been issued in last or current financial year.
10. Contractors having negative net worth as per the latest financial year, shall neither be enlisted nor revalidated. Audited Annual Report shall be submitted as soon as published. Contractors already enlisted but having negative net worth in latest financial report will be put on Banning list, however, CPSEs are exempt from requirement of positive net-worth.
11. Performance of Contractors shall be continuously monitored during order execution. To remain in list of enlisted contractors, performance is required to be satisfactory at all times.
12. Enlistment shall be accorded for a period of 3 years. There will be no change in validity in case of enhancement in experience or addition of new category during the validity period. Enlistment shall have to be regularly "revalidated" every 3 years, prior to the expiry of validity period, as per details available on EIL website <https://www6.eil.co.in/CES>. Revalidation procedure can be initiated before six months of validity date.

13. Information w.r.t. change in office location, change in management shall be furnished to EIL for updating the Data Bank.
14. Enlistment shall be for the purpose of inclusion of contractor's name in EIL "Master Contractors List" and shall in no way guarantee regular issue of tenders.
15. EIL has adopted Government e-Marketplace in totality and identified services available on GeM. Such products & services shall be procured through GeM. Therefore, contractors of such services are advised to enlist themselves with GeM also, otherwise they may not be able to quote against enquiries.
16. Decision of competent authority of EIL shall be final & binding on the contractor.
17. Terms and conditions are subject to change at the sole discretion of EIL.
18. In case of any dispute, the Courts of Delhi shall have exclusive jurisdiction.

7. DOCUMENTATION AND RECORDS

1. Format for 'Check List for New Enlistment/ Enhancement/ Revalidation of Enlistment of Construction Contractors' (5-1844-011-F2).
2. Enlistment / Enhancement/Revalidation letters and SCEC Decision.

8. NODAL ADDRESS FOR CORRESPONDENCE:

Head: Procurement Development Department
Engineers India Limited
Engineers India Bhawan,
1, Bhikaiji Cama Place, R K Puram,
New Delhi – 110066 (India)
Phone: +91-11-2676-2849 / 2776
E-mail: pdd@eil.co.in

9. APPLICABLE FORMATS

9.1 **Format PDD-A-01** (To be printed on Company letterhead and duly certified as per the clause 5.11.6 and 5.11.7 of this document).

To,

Date:

Procurement Development Department
Engineers India Limited.,
Engineers India Bhawan,
1, Bhikaji Cama Place, RK Puram,
New Delhi -110066 (India)

Kind Attention: Head (Procurement Development Department)

Subject: Undertaking for documents submitted against our Application No. _____

Dear Sir,

With reference to the subject matter, we undertake that all documents submitted by us, from commencing of online application till conclusion of above application for meeting enlistment criteria, are authentic, genuine and true copies of originals and no part of the document(s) is false, forged or fabricated/ tampered. The documents have been submitted under our knowledge.

We accept that EIL reserves the right to cross-verify the authenticity of documents submitted by us with the issuing authority and we shall provide all necessary assistance in this regard. In case, any of the document submitted by us, at any stage is found to be false, forged or fabricated/ tempered in any manner, we as an organisation, shall be held responsible and be liable to be dealt with extant Suspension/ Banning policy of EIL (displayed on EIL website enlist.eil.co.in) which we have gone through and accept it in totality.

Thanking you,

Yours Sincerely,

Full Name of signee:

Designation of signee:

Company Seal

Signature

Note:

1. In case of Private Ltd/ Public Ltd/ Central Govt or State Govt Undertaking, this format shall be signed by CEO/ CFO / Company Secretary or any member of the Board of Directors / Company official with Power of Attorney (PoA).
2. In case of Proprietorship / Partnership firms / Limited Liability Partnership / Limited Liability Company / Others, this format shall be signed by Proprietor / Partner and then notarized by Notary public/ Apostille in country of origin.

9.2 Form PDD-I-02 (To be printed on company letter head)

A. Annual Turnover*

**Amount
(Currency)**

	For the years ending	31 st Mar...	31 st Mar...	31 st Mar...
1	Annual Turnover (Turnover shall be Income from Operations calculated excluding GST and other incomes)			

B. Net Worth*

**Amount
(Currency)**

	For the years ending	31 st Mar...	31 st Mar...	31 st Mar...
1	Paid up share capital			
2	Share application money pending allotment			
3	Securities Premium Account			
4	Reserves (#)			
5	Aggregate value of Accumulated losses, deferred expenditure and miscellaneous expenditure not written off			
6	Net Worth (1+2+3+4-5) **			

Reserves, which are to be considered for the purpose of calculation of net worth, shall be those reserves which are created out of the profits (including credit balance of profit and loss account), but shall not include those reserves which are created out of revaluation of assets, write back of depreciation and amalgamation.

** In case of agency being Proprietorship / Partnership firm, net worth shall be outstanding credit balance of Proprietor's / Partners Capital and / or Proprietor's / Partners Current Account (after considering impact of debit balances in such accounts, if any).

C. Working Capital*

**Amount
(Currency)**

	For the years ending	31 st Mar...	31 st Mar...	31 st Mar...
1	Current Assets			
2	Current Liabilities			
3	Working Capital (1-2)			

* It is certified that the information provided in tables A, B and C above are after considering the qualification, if any, made by the Statutory Auditor on the audited financial statements of the agency including quantified financial implication.

Name of Contractor
CPA
Sign (Authorized Signatory of Contractor)
Date:

Duly Endorsed by Statutory Auditor/ Practicing CA or

Name of Firm:
CA / CPA Name:
Membership No.:
UDIN:
Seal:

10. Requirements of Qualification Experience Criteria for Enlistment in a Particular Trade Category of Construction Contractor

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
Civil Works:			
C01- Route/ Topographical Survey	Rs.10 Lakhs	Single Contract Value Criteria	Experience of route survey including hydrographical survey of rivers, lakes etc. for laying of pipelines, canals, railway track, highway etc. Experience of topographical survey of land for the purpose of putting up industrial plant etc.
C02 - Soil Investigation	Rs.10 Lakhs	Single Contract Value Criteria	Experience of Soil Investigation Works including Collection of soil samples and laboratory analysis of the same for industrial plants including list of available equipment/plants/ machineries etc., no. of rigs, type, make and year of manufacture, location of laboratory and list of laboratory equipment. Bio-data of key personnel shall include site supervision, interpretation of data collected at site, laboratory test results, analysis, preparation of comprehensive soil report and recommendation thereof.
C05 - Piling	Rs.100 Lakhs	Single Contract Value Criteria	Experience of any type of piling such as cast-in-situ driven, bored piles and driven steel tubulars and agency will be enlisted for all types of piling work. In case of cast-in-situ driven piles, experience of similar work is also required, which need not be qualifying job. The agency shall furnish list of available equipment/plants/ machineries etc., no. of rigs, type, make and year of manufacture, location of laboratory and list of laboratory equipment separately for bored & driven cast in -situ piles. Bio-data of key personnel shall include site supervision, interpretation of data collected at site, design and drawings, pile load test results etc.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
C06 -Driven Segmented Precast Concrete Piling Works	N.A.	Segmented, Minimum Length of Pile 30 M	The agency should have executed/ completed driven segmented precast concrete piles including manufacturing within seven years before the date of application for enlistment. The agency should own minimum three numbers of pile driving rigs. The agency should have used internationally accepted shear connector for splicing of piles. Documentation required: a) Agency shall furnish documentary evidence of successful completion of driven segmented precast concrete piling works from the Owner/Client. Completion certificate shall contain volume of work in terms of total length indicating size and length of segments of pile installed. b) Work order of driven segmented precast concrete piling works mentioning the value and the scope of work as documentary evidence. c) The agency to submit copy of ownership document of pile driving rigs.
C22 -Offshore Geotechnical Investigation	Rs.10 Lakhs	Single Contract Value Criteria	Soil Investigation of seabed works.
C23- Marine Modelling Studies	Rs. 10 Lakhs	Single Contract Value Criteria	Experience in carrying out Marine Modelling studies involving Hydrodynamic modelling such as Wave transformation studies, Wave Hindcast studies to derive design environmental parameters for wind, wave and current for operating and extreme conditions, Sedimentation study/Littoral drift study for projects involving Port & harbour/Fishing Harbour, SPM, Submarine Pipelines, Offshore Oil& Gas Projects, Coastal engineering works etc.
C25 -Geophysical & Oceanographic Survey	Rs.10 Lakhs	Single Contract Value Criteria	Experience in carrying out geophysical, geological and oceanographical investigations for projects involving Port & Harbours/SPM installation/ submarine pipeline route surveys, offshore Oil & Gas Platforms etc.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
			Experience in submarine pipeline inspection surveys with special emphasis on operating ROTV/ROV equipment. Experience in developing GIS database will be an added qualification.
C26 -Onshore Geophysical Survey	Rs.10 Lakhs	Single Contract Value Criteria	Experience of carrying out geophysical (seismic refraction & electrical resistivity, borehole geophysical logging) and Geological Investigations for projects involving construction of underground storages, construction of major industries.
C27 -Dredging & Reclamation Work	Rs.1000 Lakhs	Single Contract Value Criteria	Experience in carrying out Offshore dredging and reclamation operations.
C30 -Site Grading and Road Works	Rs.100 Lakhs	Single Contract Value Criteria	Experience of site grading and road works in plant/industry, infrastructure, dams, canals, highways, tunnels, bridges, flyovers etc.
C31 -Civil, Structural and Underground Piping for Units & Offsites	Rs.100 Lakhs	Single Contract Value Criteria	Experience required for civil and structural works of process based Industrial plants only. Experience of underground piping system in the plant with gravity flow comprising of steel pipe/ductile iron pipes in unit areas and RCC pipes in offsite areas will be considered as a part of civil and structural works. Rest of corrosion resistant coated/ lined steel pipes in process plants will be considered under Category M05 defined in this document.
C32 -Plant and Non-plant Building Works	Rs.100 Lakhs	Single Contract Value Criteria	Experience in civil and structural works related to plant control room, pump house, airports, hospitals, university, college, hostels, malls, residential townships, railway stations etc.
Electrical Works:			
E02 -Switch Yard	Rs.100 Lakhs	Single Contract Value Criteria	Contractor shall have adequate experience in turnkey execution of EHV switchyards involving complete design, engineering, supply, installation, testing & commissioning. The contractor should possess in-house design set up with adequate experience of having carried out design of EHV switchyard. Alternatively, he should have a tie-up with established consultant having adequate past experience of having carried out EHV switchyard design.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
E05 -Electric heat Tracing	Rs.50 Lakhs	Single Contract Value Criteria	Contractor shall have adequate experience in design, engineering, supply, installation, testing & commissioning of electrical heat tracing system in hydrocarbon process plants. In case the contractor is not a manufacturer of electrical heat tracers, he should have a tie up with a tracer manufacturer for carrying out basic system design for the heat tracing system with back-to-back guarantee.
E09 -Electrical Works for Non-Hydro-Carbon Service	Rs.50 Lakhs	Single Contract Value Criteria	Contractor shall have adequate experience in installation, testing & commissioning of electrical equipment in plant/industry, hotels, hospitals, airports, power distribution in cities. Experience in residential townships shall not be considered.
E10 -Electrical Works for Hydro-Carbon Service	Rs.50 Lakhs	Single Contract Value Criteria	Contractor shall have adequate experience in installation, testing & commissioning of electrical equipment in hydrocarbon process plants involving hazardous areas.
Instrumentation Works:			
I01 - Instrumentation Works	Rs.50 Lakhs	Single Contract Value Criteria	Instrumentation works of plants and utilities involving Hydrocarbon service.
Mechanical Works:			
M01- Storage Tanks (Floating Roof/Cone Roof).	Rs.100 Lakhs	Diameter of floating Roof and Weight of Tanks Criteria.	Contractor shall have experience of fabrication and erection of storage tanks. Experience in design of floating roof tanks is required for floating roof tanks. In case agency has not designed floating roof tanks he will have to submit MOU with some reputed back-up consultant along with PTR of back-up consultant with respect to design of floating roof tanks. Apart from the above, agency shall have to furnish successful operation certificate of floating roof for a period of one year. This certificate must be issued by the owner. Data will be maintained based on tonnage erected for cone roof/ floating roof tanks in one work order and for design of floating roof tanks based on same or other work orders.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
M02 - Spheres	Rs.100 Lakhs	Diameter, Thickness, PWHT Criteria	The agency shall have experience in fabrication, erection and heat treatment of Horton spheres including water spray system. Agency shall also have a full-fledged design & drawing office and shall have to furnish organogram indicating responsibility of various technical persons of design/drawing office.
M03 -Fired Heater System (Engineered)	N.A.	Technical Attribute (Type of Heater)	A. The agency shall have similar experience of minimum one heater job in the last 7 years involving the following: (i) Project management (ii) Procurement and supply of all the heater system components/ auxiliaries except ID/FD fan, burner and APH. (iii) Fabrication and erection of subassembly of coils, (iv) Inspection and Construction supervision (v) Structural fabrication, erection, assembly (vi) Residual structural/mechanical design (vii) Design, engineering, supply and application of refractory This heater shall have been commissioned within the last seven years and shall have completed successful operation of at least one year. B. The activities listed at Serial No. A.(v) to A.(vii) can be subcontracted, however in that case the qualifying agency must have identified subcontracting agency with capability of providing the similar services through a memorandum of understanding (MOU). The qualification criteria for the subcontracted agency shall be minimum two heater jobs in last 7 years. Copy of MOU shall be submitted. C. Agency shall have own fabrication shop with heater fabrication capabilities or shall have MOUs with two parties having own fabrication shop with Proven Track Record of at least one heater fabrication in last 7 years. D. Agency shall have documented quality system. E. Agency shall have on his own payroll experience personnel in Inspection and construction supervision activities.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
			F. Contractor to note that for case-to-case shortlisting for issue of enquiry, following criteria shall be adopted: i) The agency shall be considered qualified for 2.5 times the absorbed heat duty of the qualifying heater of same type (VC/ cabin), however in case the absorbed heat duty of the qualifying heater job is more than 20 MMK Cal/Hr. then the agency will be considered capable for all higher absorbed heat duty heaters of same type (VC / Cabin)". ii) In case the qualifying job is VC heater, then the agency will be considered qualified for all types of heaters but in case the qualifying jobs is cabin heater, then the agency will only be considered qualified for cabin heaters.
M05 -Piping/Equipment & Machinery Erection	Rs.100 Lakhs	Single Contract Value Criteria	Experience of erection of piping, installation of equipment, machinery etc. in process plant industry covering aboveground and underground piping. Experience of piping work will be CS coated/ SS pipes for process plants. RCC piping and steel pipe/ ductile iron pipe will not be considered for this category.
M06 - Stainless Steel Silos	Rs.50 Lakhs	Single Contract Value Criteria	Contractor shall have experience of design, fabrication, erection of silos with material of construction for all parts as stainless steel only. Agency shall also have a full-fledged design & drawing office and shall have to furnish organogram indicating responsibility of various technical persons of design/drawing office.
M07- Refractory Works	Rs.50 Lakhs	Single Contract Value Criteria	Refractory works in any industry with details of equipment lined, type of lining, quantity of refractory materials, year of execution etc. Further list of tool & tackles required for lining of refractory should be given in list of construction equipment.
M08 - Insulation	Rs.50 Lakhs	Single Contract Value Criteria	Insulation works of Thermal Insulation in Plants. Experience of cryogenic/ acoustic insulation or experience of Annual Rate Contract (ARC) jobs shall not be considered.
M09 - Painting	Rs.50 Lakhs	Single Contract Value Criteria	Painting work experience of industrial plants only. Experience of ARC jobs will not be considered.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
M11 -Cross Country Pipeline	N.A.	Minimum Diameter 8" and Length of Pipeline 50 KM	Experience of laying of cross-country pipeline with hydrocarbon service and lines shall be underground and buried. Experience of water pipelines, ATF lines in cities, group gathering stations and loading/ unloading lines in jetty areas will not be considered. Minimum diameter shall be 8" and cumulative length of all sizes above 8" shall be 50 KM.
M14 -Equipment Erection/ Heavy Lift.	Rs.100 Lakhs	Minimum 300 Mt weight of Single Lift	Experience with weight of single lift minimum 300 MT by cranes. Experience of lift with ginpole/derrick will not be considered.
M17 -Pipeline Crossings by Horizontal Directional Drilling (HDD)	N.A.	Minimum Diameter 8" and Length 100 Meter of Service Pipeline	Experience of laying of cross-country pipeline using HDD method.
M19 -Mounded Storage	N.A.	Minimum wall thickness of 25 mm and weight of Bullets 250 MT	The agency shall have experience of executing Mounded Storage system as a package on single point responsibility basis with minimum empty weight of bullets 250 MT and 25 mm wall thickness. Agency shall also have a full-fledged design & drawing office and shall have to furnish organogram indicating responsibility of various technical persons of design/drawing office. The work shall be in successful operation for minimum one year.
M20 -Laying of City Gas Pipeline	Rs.100 Lakhs	Diameter and Length criteria	Experience of Buried Carbon Steel/ Non-Carbon Steel/ City Gas Pipelines only will be considered.
M21 -Fired Heater System (Un-engineered)	N.A.	Technical Attribute (Type of Heater)	A. The agency shall have experience of minimum one heater job involving the following: (i) Project Management (ii) Thermal, mechanical and structural design (iii) Procurement and supply of all heater system components including burners, APH, fans, (iv) Fabrication, assembly and erection of pressure parts (v) Fabrication, assembly, and erection of steel work.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
			(vi) Design, engineering, supply and application of refractory. (vii) Quality assurance at shop and site (viii) Construction Supervision (ix) Performance guarantee This heater shall have been commissioned within the last seven years and shall have completed successful operation of at least one year. B. As a minimum the following must have been performed in house in the qualifying job: (i) Project management (ii) Thermal, mechanical and structural design of heater. (iii) Sub vendor selection and Procurement C. The agency should have a documented QA system. D. Agencies who do not have their own manufacturing facilities in India, however having all the capabilities as above, should have a valid MOU with EIL approved heater fabricator. Copy of MOU shall be submitted E. Vendor to note that for case-to-case short listing for issue of enquiry, following criteria shall be adopted: (i) The agency shall be considered qualified for 2.5 times the absorbed heat duty of the qualifying heater of same type (VC/ cabin) , however in case the absorbed heat duty of the qualifying heater job is more than 20 MMK Cal/Hr. then the agency will be considered capable for all higher absorbed heat duty heaters of same type (VC / Cabin)". (ii) In case the qualifying job is VC heater, then the agency will be considered qualified for all types of heaters but in case the qualifying job is cabin heater, then the agency will only be considered qualified for cabin heaters.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
M22 -Fired Heater System (Fabrication, Supply and Erection)	N.A.	Technical Attribute of Heater, Supply (in Modular form)/ Supply (in Modular form) and site assembly/ Site fabrication & erection}	A. The agency should have similar experience of minimum two numbers of Vertical Cylindrical tube (VC) heater or Cabin heater jobs in last 7 years involving the following: (i) Fabrication, shop assembly, supply, erection of VC / Cabin heaters with or without modularization with following attributes to be mentioned in the certificate: - Supply only (in modular form). - Supply in modular form and site assembly. - Site fabrication and erection. With Modularization: As a minimum, agency should have carried out fabrication of radiant section in panels, radiant coils in banjos, convection section in modules with coils in position. Also, agency shall have own shop capable of heater fabrication activities Without Modularization: As a minimum agency should have carried out Fabrication and erection of radiant and convection section. (ii) Residual engineering / detailing on account of modularization and design capability to ensure safe lifting, transit and subsequent erection of modules at site (as applicable depending on the qualification attribute) and fabrication drawing preparation. (iii) The executed job on modularization basis should have been carried out at its own /group company shop (as applicable). (iv) Execution Planning Capability for fabrication & erection activity. (v) Inspection and Quality management for fabrication and erection activity. (vi) Design, engineering, supply and application of refractory. B. The executed work(s) should have been mechanically completed and must have seen minimum one year of operation. C. The activities listed at Serial No: A.(ii) and A.(vi) can also be subcontracted, however in that case the qualifying agency must have

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
			identified subcontracted agency with capability of providing the similar services through a memorandum of understanding (MOU). The qualification criteria for the subcontracted agency shall also be minimum two heater jobs in last 7 years. Copy of MOU shall be submitted D. Vendor to note that for case-to-case short listing for issue of enquiry, following criteria shall be adopted: (i) The agency shall be considered qualified for 2.5 times the absorbed heat duty of the qualifying heaters of same type (VC/ cabin), however in case the absorbed heat duty of the qualifying heater job is more than 20 MMK Cal/Hr. then the agency will be considered capable for all higher absorbed heat duty heaters of same type (VC / Cabin)". (ii) In case one of the qualifying jobs is VC heater, then the agency will be considered qualified for all types of heaters but in case both the qualifying jobs are cabin heater, then the agency will only be considered qualified for cabin heaters.
Package Plant;			
P01 -Raw Water Treatment Plant	N.A.	Minimum Plant capacity: 120 M ³ /Hr.	Contractor should have experience of Raw Water Treatment Plant meeting all the following criteria: A. Contractor's Scope of work includes Design/ Engineering; Procurement/ Supply; Construction/ Erection/ Installation; Commissioning and Guarantee run. B. Treatment scheme includes clarifier or Sand/ Media Filtration or Membrane based filtration, or in any combination of the above. C. Plant should have been commissioned in past 10 years on the date of application. D. The plant shall be under operation for minimum one year. Contractor should have experience of Cooling Towers meeting all the following criteria: A. Contractors' Scope of work includes Design/ Engineering; Procurement/ Supply; Construction/ Erection/ Installation; Commissioning and Guarantee run.
P02 - Cooling Towers	N.A.	Minimum capacity of one cell 600 M ³ /Hr.	

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
			B. Flow scheme: either cross flow or counter flow. C. Material of Construction: RCC/Timber/FRP. D. Plant should have been commissioned in past 10 years on the date of application E. The plant shall be under operation for minimum one year.
P03 -Waste Water/ Effluent Treatment Plant	N.A.	Minimum Plant capacity -50 M ³ /Hr.	Contractor should have experience of Wastewater/ Effluent Treatment Plant meeting all the following criteria: A. Contractors' Scope of work includes design/engineering; procurement/supply; construction/ erection/ installation; commissioning and guarantee run B. Treatment scheme includes (i) One 'Oil Removal Section', consisting of API oil separator OR TPI/CPI oil separator OR DAF/IAF/IG Foil separator OR in any combination of the above in an industrial effluent treatment plant which shall be located within that industry and treating effluents generated from that industry only. (ii) One Biological Treatment System for biological treatment of Industrial Effluent or Central effluent treatment plant/ Municipal Sewage or polluted water or in combination of the above (iii) The above section/system can be a part of single plant or different plants C. Plant should have been commissioned in past 10 years on the date of application. D. The plant shall be under operation for minimum one year.
P04 -D.M. Water Treatment Plant/ CPU	N.A.	Minimum capacity of one chain -50 M ³ /Hr.	Contractor should have experience of DM Water Plant or CPU meeting all the following criteria: A. Contractors' Scope of work includes Design/Engineering; Procurement/Supply; Construction/ Erection/ Installation; Commissioning and Guarantee run. B. Treatment scheme includes Ion exchange Resin based process. C. Plant should have been commissioned in past 10 years on the date of application. D. The plant shall be under operation for minimum one year.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
P10 -Cathodic Protection System for Pipe Lines	N.A.	Minimum 2 Nos. of CP Stations	Experience of temporary and permanent cathodic protection system by using anodes and impressed current systems respectively with scope of work including design, detail Engg., supply, construction, testing and commissioning etc.
P12 -Composite Works (Civil, mech., Elect. & Inst. works)	Rs.200 Lakhs	Single Contract Value Criteria	Experience of composite work covering civil, mechanical, electrical and instrumentation type jobs in one work order.
P17 -Desalination Plants (RO)	N.A.	Minimum capacity of one Reverse Osmosis (RO) chain- 50 M ³ /Hr.	Contractor should have experience of Desalination/Demineralization Plant meeting all the following criteria: A. Contractors' Scope of work includes Design/Engineering; Procurement/Supply; Construction/ Erection/ Installation; Commissioning and Guarantee run. B. Treatment scheme includes (i) Solid contact clarifier (SCC) OR Filters OR Ultra Filtration (UF) OR Micro Filtration (MF) (ii) Reverse Osmosis (RO) Membrane based Process. (iii) The above system shall be part of a single plant. C. Feed to the plant includes Sea Water or Brackish Water or Blow-downs or treated Effluent/ Waste water, or in combination of the above. D. Plant should have been commissioned in past 10 years on the date of application. E. The plant shall be under operation for minimum one year.
P18 -Cathodic Protection System for Plant	Rs.50 Lakhs	Single Contract Value Criteria	Experience of CP system for plants with scope of work as design, Engg., Supply, Construction, Testing and Commissioning etc.
P22 -Offshore Platforms	Rs.1000 Lakhs	Single Contract Value Criteria	Experience of installation of offshore platforms.
P23 -Sea Water Intake System	Rs.100 Lakhs	Single Contract Value Criteria	Experience of sea water intake system from design to construction with single point responsibility.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
P24 -River Water Intake System	Rs.100 Lakhs	Single Contract Value Criteria	Experience of river water intake (well) system from design to construction with single point responsibility.
P25 -Ranney Well System	Rs. 50 Lakhs	Single Contract Value Criteria	Experience of Ranney well system from design to construction with single point responsibility.
Environmental Studies:			
W02-Baseline Data Collection/ Monitoring	Accredited from NABL for environmental monitoring works or recognized laboratory of MOEF or GLP certified laboratory for environmental monitoring works		At least 1 completed contract in the past 7 years of environmental baseline data collection works for any EIA project/Environmental monitoring project. Such works should be carried out for ambient air/water/soil/ noise/ traffic monitoring.
W03-Flora & Fauna Impact Assessment Studies	Should possess qualification experience criteria		At least 1 completed contract in the past 7 years of flora/fauna baseline data collection for any EIA project/regional planning projects
W04-Land use/Land Cover Pattern Studies	Should possess qualification experience criteria		At least 1 completed contract in the past of Land use/Land Cover Pattern study for any EIA project/regional planning projects
W05-Marine Impact Assessment Studies	Should possess qualification experience criteria		At least 1 completed contract in the past of Marine baseline survey and impact assessment studies using marine dispersion modeling study for any EIA project/regional planning projects. The model/software used shall be one of the model/ software recommended by CPCB/ MOEFCC in its guidelines.
W06-Socio Economic Impact Assessment Studies	Should possess qualification experience criteria		At least 1 completed contract in the past of demographic baseline survey/perception collection through survey and impact assessment studies for any EIA project/regional planning projects.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
W09-Occupational Health	Should possess qualification experience criteria		At least 1 completed contract in the past of health baseline survey including risk assessment.
W10-Oil Spill Management Studies	Should possess qualification experience criteria		At least 1 completed contract in the past of Oil spill and impact assessment studies and developed oil spill management plan.
W11-Nuclear Environmental Impact Assessment / Management and Related Studies	Should possess qualification experience criteria		At least 1 completed contract in the past in any of the following fields a. Radiation Risk – Human Health b. Radiation Risk – Biodiversity c. Radioactive waste management d. Nuclear catastrophic risk management e. Radiation related monitoring & Analysis f. Dispersion modeling for discharges into air, soil, surface water and ground water.

Logistics Services:		
S01 - C&F Services	Technical Criteria	Minimum parameters for an agency seeking enlistment for C&F Services: The Agent should have: 1. A valid CHA (Custom House Agent) license in their own name. 2. Own / tie-up arrangements with an IBA (Indian Bank Association) approved transporter for movement of import cargo from Port to site(s). 3. A storage Area of about 1000 Sq. Meter nearby one of the ports in India. 4. In last seven years, completed at least one Contract of/executed work of C&F services (including transportation) under EPCG / Project import / other schemes for concessional rate of Custom Duty of the value not less than Rs. 50 Lakhs for any PSU or Govt. Department/Rs. 100 Lakhs for other corporate, in a single contract. 5. Their offices in at least two cities out of the five port cities i.e., Delhi, Mumbai, Kolkata, Chennai and Vizag.
S02 - ODC upto 150 MTs	Technical Criteria	The Transporter should meet all the following requirements: 1. Should have at least 24 (Twenty-Four) Hydraulic Axles registered in their own name. 2. Should have at least 4 (Four) Prime movers registered in their own name. 3. Should have successfully handled & transported a package / equipment weighing not less than 90 MT over a distance of 500 KM (minimum) from any site in India on door-to-door basis, by Hydraulic trailers by road, during last seven years. 4. Should have successfully handled & transported a package / equipment having diameter not less than 5.0 meter over a distance of 500 KM (minimum) from any site in India on door-to-door basis, by road, during last seven years. 6. Should have their office in at least two principal cities of India. Principal Cities to be read as: Ahmedabad, Bangalore, Bhopal, Chennai, Coimbatore, Delhi, Hyderabad, Indore, Jaipur, Kanpur, Kochi, Kolkata, Lucknow, Ludhiana, Madurai, Mumbai, Nagpur, Patna, Pune, Surat, Vadodara, Varanasi & Visakhapatnam. 7. Should have surveyed ODC Routes for a distance more than 500 KMs. in various directions spread across the Country. The reports for at least two routes shall be provided along with the application.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
S03 - ODC above 150 MTs upto 400 MTs	Technical Criteria		The Transporter should meet all the following requirements: - Should have at least 48 (Forty-Eight) Hydraulic Axles registered in their own name. - Should have at least 6 (Six) Prime movers registered in their own name. - Should have successfully handled & transported a package / equipment weighing not less than 240 MT over a distance of 500 KM (minimum) from any site in India on door-to-door basis, by Hydraulic trailers by Road, during last seven years. - Should have successfully handled & transported a package / equipment having diameter not less than 5.0 meter over a distance of 500 KM (minimum) from any site in India on door-to-door basis, by Hydraulic trailers by road, during last seven years. - Should have their office in at least two principal cities of India and one port city (different than principal city) of India. Principal Cities to be read as: Ahmedabad, Bangalore, Bhopal, Chennai, Coimbatore, Delhi, Hyderabad, Indore, Jaipur, Kanpur, Kochi, Kolkata, Lucknow, Ludhiana, Madurai, Mumbai, Nagpur, Patna, Pune, Surat, Vadodara, Varanasi & Visakhapatnam Port Cities to be read as: Kandla, Mumbai, Mormugao, Visakhapatnam, Kochi, Chennai, Mangalore, Ennore, Tuticorin, Paradip and Kolkata - Should have surveyed ODC Routes for a package/equipment weighing not less than 240 MT and package/equipment having diameter not less than 5.0 meter for a distance more than 500 KMs. in various directions spread across the Country. The reports for at least two routes shall be provided along with the application.
S04 - ODC above 400 MTs	Technical Criteria		The Transporter should meet all the following requirements: - Should have at least 60 (Sixty) Hydraulic Axles registered in their own name out of which 24 axles should be SPMT. - Should have at least 6 (Six) Prime movers and 2 (two) hydraulic power packs for SPMT registered in their own name. - Should have successfully handled & transported a package/ equipment not less

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
			than 360 MT over a distance of 300 KM (minimum from any site in India on door-to-door basis, by hydraulic trailers by Road, during last seven years. 4. Should have successfully handled & transported a package / equipment having diameter not less than 5.0 meter over a distance of 300 KM (minimum) from any site in India on door-to-door basis, by Hydraulic trailers by road, during last seven years. 5. Should have their office in at least two principal cities of India and one port city (different than principal city) of India. Principal Cities to be read as: Ahmedabad, Bangalore, Bhopal, Chennai, Coimbatore, Delhi, Hyderabad, Indore, Jaipur, Kanpur, Kochi, Kolkata, Lucknow, Ludhiana, Madurai, Mumbai, Nagpur, Patna, Pune, Surat, Vadodara, Varanasi & Visakhapatnam. Port Cities to be read as: Kandla, Mumbai, Mormugao, Visakhapatnam, Kochi, Chennai, Mangalore, Ennore, Tuticorin, Paradip and Kolkata 6. Should have surveyed ODC Routes for a package/equipment weighing not less than 360 MT and package/equipment having diameter not less than 5.0 meter for a distance more than 300 KMs. In various directions spread across the Country. The reports for at least two routes shall be provided along with the application.
S05 - Material Handling Services		Technical Criteria	<u>Minimum parameters for an agency seeking enlistment with EIL for Material Handling Services at site:</u> 1. Should have at least four nos. (2 to 6 MT Capacity) Fork – Lifts, registered in their own name. 2. Should have at least two nos. 10 MT Capacity revolving Cranes/ 12 MT Capacity Hydra Cranes, registered in their own name. 3. Should have at least two Prime Movers with capacity of 20/ 22 MT, registered in their own name. 4. In last seven years, should have completed at least one contract of / executed work of the value not less than Rs.50 Lacs in a single contract of Material Handling Services for any PSU, or Govt. Department/ Rs.100 Lacs for other corporate, in Hydrocarbon/ Fertilizer/ Power Sector.

Trade Category Code & Description	Minimum Value for Enlistment	Single Contract Value / Technical Attributes	Qualification Experience Criteria
S06 - Multimodal Movement of Over-Dimensioned/ Over-weight Package		Technical Criteria	The Transporter should meet all the following requirements: 1. Should have at least one Barge or SPMTs with 24 (Twenty-Four) Axles and 02 (Two) Power Packs, registered in their own name 2. Should have at least 60 (Sixty) Hydraulic Axles registered in their own name. 3. Should have at least 6 (Six) Prime movers registered in their own name. 4. Should have successfully handled & transported a package / equipment (a) Weighing not less than 250 MT over a distance of 300 KM (minimum) from any site in India on door-to-door basis, by Hydraulic trailers by Road, during last seven years. (b) Having diameter not less than 5.0 meter over a distance of 300 KM (minimum) from any site in India on door-to-door basis, by Hydraulic trailers by Road, during last seven years. (c) Having weight not less than 250 MT by multimodal arrangements (Waterway plus Road) within India on door delivery basis, during last seven years. 5. Should have their office in at least two principal cities of India and one port city (different than principal city) of India. Principal Cities to be read as: Ahmedabad, Bangalore, Bhopal, Chennai, Coimbatore, Delhi, Hyderabad, Indore, Jaipur, Kanpur, Kochi, Kolkata, Lucknow, Ludhiana, Madurai, Mumbai, Nagpur, Patna, Pune, Surat, Vadodara, Varanasi & Visakhapatnam Port Cities to be read as: Kandla, Mumbai, Mormugao, Visakhapatnam, Kochi, Chennai, Mangalore, Ennore, Tuticorin, Paradip and Kolkata. 6. Should have surveyed ODC Routes for a package/equipment weighing not less than 250 MT and package/equipment having diameter not less than 5.0 meter for a distance more than 300 KMs. In various directions spread across the Country. The reports for at least two routes shall be provided along with the application.

