“EXPRESSION OF INTEREST” For “6 Laning of Bihar-Jharkhand Border (Chordaha) to Gorhar section of NH-2 from Km 249.525 to Km 320.810 in state of Jharkhand under NHDP Phase-V on EPC mode.

Engineering Projects (India) Limited (EPI), under the aegis of Ministry of Heavy Industries & Public Enterprises, Govt. of India, is one of the Premier Engineering Services Organization of India engaged in execution of multi-disciplinary projects on turnkey basis in India & Overseas.

EPI has executed projects of diverse nature such as Institutional Complexes, Commercial Buildings, Universities, Housing Complexes, Roads, Water Transportation Structures, Canals, Airports, Hangars, Runways, Infrastructure Development Works, Power plants, Process plants, Industrial plants, Material handling systems, Sports stadiums etc.

NHAI has invited Request for Proposal (RFP) for “6 Laning of Bihar-Jharkhand Border (Chordaha) to Gorhar section of NH-2 from Km 249.525 to Km 320.810 in state of Jharkhand under NHDP phase-V on EPC mode. (Estimated Project Cost Rs.987.61 Cr.)

The scope of work will broadly include mode rehabilitation, upgradation and augmentation of the existing carriageway to Six-lane standards with construction of new pavement, rehabilitation of existing pavement, construction and/or rehabilitation of major and minor bridges, culverts, road intersections, interchanges, drains, etc and maintenance of the Project during the Defect Liability Period, which shall be 4 (four) years.

In view of above, EPI invites expression of Interest from reputed and experienced Indian Company /Firm/Agency who are technically and financially sound and willing to associate as lead partner of JV with EPI for execution of subject work.

The Company /Firm /Agency should meet the following criteria:

**Technical Criteria**

a. Should have its own registered office in India and operating at least 05 years preceding the year 2017. (Certificate of incorporation or proof to be attached).

b. Should have experience in EPC/PPP or Designing, Engineering, Procurement, construction and maintenance of Road Project.  (Certificate or undertaking to be attached)

i) Should have received payments for construction of Eligible Projects, or has undertaken construction works by itself in a PPP project, such that the sum total thereof is more than Rs. 1185.13 crore over the past 5(five)financial years preceding the Application Due Date.

However, receipts of less than Rs.98.76 Cr. of the amount specified as the Estimated Project Cost shall not be reckoned as receipts for Eligible Projects.

(Attach year wise payment receipts statements Project wise)

ii) Should have completed at least one similar work (as defined in category 1 & 3) of Rs 246.90 Crores (Rupees Two Hundred forty six Crores & ninty lacs only)shall have been completed.
from the Eligible Projects in Category 1 and/or Category 3 specified in the EOI. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 25% of the estimated project cost (Attach experience certificate)

a. Should have available Bid capacity at least Rs 592.57 Crore or more

Bid capacity will be calculated as \((A \times N \times 2.5 - B)\), whereas

\[ N = \text{Number of years (2.5 yrs) prescribed for completion of work.} \]

\[ A = \text{Maximum value of civil engineering works in respect of EPC Projects executed in any one year during the last five years (updated to the price level of the year indicated in table below under note) taking into account the completed as well as works in progress. The EPC projects includes turnkey project/ Item rate Contract/ Construction works.} \]

\[ B = \text{Value (updated to the price level of the year indicated in table below under note) of existing commitments, works for which LOA issued and on-going works to be completed during the period of completion of the works for which BID is invited.} \]

<table>
<thead>
<tr>
<th>S. no.</th>
<th>Particulars</th>
<th>Updation factor</th>
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<tbody>
<tr>
<td>1</td>
<td>Year-1</td>
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<tr>
<td>2</td>
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<td>1.15</td>
</tr>
<tr>
<td>5</td>
<td>Year-5</td>
<td>1.20</td>
</tr>
</tbody>
</table>

- Any entity which has been barred by the Ministry of Road Transport & Highways or its implementing agencies for the works of Expressways, National Highways, ISC and EI works, and the bar subsists as on the date of Application, would not be eligible to submit the EOI. (undertaking to be attached)

- The entity including individual or any of its Joint Venture Member should, in the last 2(two) years, have neither failed to perform for the works of Expressways, National Highways, ISC & EI works, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder including individual or any of its Joint Venture Member, as the case may be, nor has been expelled or terminated by Ministry of Road Transport & Highways or its implementing agencies for breach by such Bidder including individual or any of its Joint Venture Member. (undertaking to be attached)

- The entity including individual or any of its Joint Venture Member may provide details of all their on-going projects along with updated stage of litigation, if so, against the Authority / Governments.

- The entity including individual or any of its Joint Venture Member may also provided details of updated on-going process of blacklisting if so, under any contract with Authority / Government.

- Individual share of the entity will be considered if worked in joint venture for eligibility or experience as the case may be.

**Technical Capacity for purposes of evaluation**
"Eligible Experience"

Category 1: Project experience on Eligible Projects in **highways sector**

Category 2: Project experience on Eligible Projects in **core sector**

Category 3: Construction experience on Eligible Projects in **highways sector**

Category 4: Construction experience on Eligible Projects in **core sector**

a) highways sector would be deemed to include highways, expressways, bridges, tunnels, runways, Railways (construction/re-construction of railway tracks, yards for keeping containers etc.), Metro Rails and Ports (construction/re-construction of Jetties, any other linear infrastructure including bridges etc.) and

b) core sector would be deemed to include civil construction cost of, Power sector, commercial setups (SEZs etc.), airports, industrial parks/estates, logistic parks, pipelines, irrigation, water supply, sewerage and real estate development.

Eligible Experience in respect of each category shall be measured only for Eligible Projects.

**For a project to qualify as an Eligible Project under Categories 1 and 2:**

a) It should have been undertaken as a PPP project on BOT, BOLT, BOO, BOOT or other similar basis for providing its output or services to a public sector entity or for providing non-discriminatory access to users in pursuance of its charter, concession or EPC Contract, as the case may be. For the avoidance of doubt, a project which constitutes a natural monopoly such as an airport or port should normally be included in this category even if it is not based on a long-term agreement with a public entity;

b) the entity claiming experience should have held, in the company owning the Eligible Project, a minimum of 26% (twenty six per cent) equity during the entire year for which Eligible Experience is being claimed;

c) the capital cost of the project should be more than 10% of the amount specified as the Estimated Project Cost; and

d) the entity claiming experience shall, during the last 5 (five) financial years preceding the Application Due Date, have itself undertaken the construction of the project for an amount equal to at least one half of the Project Cost of eligible projects, excluding any part of the project for which any contractor or, sub-contractor or other agent was appointed for the purposes of construction

(undertaking to be attached that all points a, b, c, d are fulfilled)

**For a project to qualify as an Eligible Project under Categories 3 and 4,**
the Applicant should have received payments from its client(s) for construction works executed, fully or partially, during the 5 (five) financial years immediately preceding the Application Due Date, and only the amounts (gross) actually received, during such 5 (five) financial years shall qualify for purposes of computing the Experience Score. However, receipts of less than 98.76 Cr. of the amount specified as the Estimated Project Cost shall not be reckoned as receipts for Eligible Projects. For the avoidance of doubt, construction works shall not include supply of goods or equipment except when such goods or equipment form part of a turn-key construction contract / EPC Contract for the project. Further, the cost of land and also cost towards pre construction activities (like shifting of utilities etc.) shall not be included hereunder.

Factors for Experience across categories

<table>
<thead>
<tr>
<th>Factor</th>
<th>Category</th>
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<tbody>
<tr>
<td>1.00</td>
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</tr>
<tr>
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<td>3</td>
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<tr>
<td>0.70</td>
<td>4</td>
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- The Experience Score determined in accordance with Clause in respect of an Eligible Project situated in a developed country which is a member of OECD shall be further multiplied by a factor of 0.5 (zero point five) and the product thereof shall be the Experience Score for such Eligible Project.

- Experience for any Eligible Projects shall not be claimed by the entity where EPI is the main contractor. In other words, no double counting by a Joint Venture in respect of the same experience shall be permitted in any manner whatsoever.

- Maintenance works are not considered as eligible project for evaluation. As such works with nomenclature like PR, OR, FDR, SR, site/micro grading, surface renewal, resurfacing work, Tarring, B.T. surface work, temporary restoration, urgent works, periodic maintenance, repair & rehabilitation, one time maintenance, permanent protection work of bank, external pre stressing, repair of central hinge, short term OMT contract of NHAI, any type of work related to border fencing, work of earthwork alone, construction of buildings/hostels/hospitals, etc, or not specified, shall not be considered.

- The works such as Improvement in Riding Quality work (IRQP/IRQ), shall be considered for Technical Capacity but not for single completed works.

- Project in Highway sector shall constitute the following for the purpose of consideration under category 1 or 3 as applicable, if:

  (i) Widening / reconstruction / up-gradation works on NH / SH or on any category of road taken up under CRF, ISC/ EI, SARDP, LWE
(ii) Widening/ re-construction/up-gradation works on MDRs with loan assistance from multilateral agencies or on BOT basis,

(iii) Widening/ reconstruction / up-gradation work of roads in Municipalcorporation limits, construction of Bypasses,

(iv) Construction of stand- alone bridges, ROBs, tunnels w.r.t roads.

(v) Long term OMT works of NHAI / MoRT&H.

- The projects with the title of RIDF, PMGSY road, link road, city roads, rural road, sector/municipality road, Bridges for railway line, work of metro rails (bridges/ tunnel), real estate projects which demonstrate road development/construction bridges or culverts may be considered undercategory — 4.

- In case both the estimated cost of project and revised cost of project are provided, the revised cost of project shall be considered for evaluation.

**Financial Criteria**

(i) The Bidder shall have a minimum Net Worth (the “Financial Capacity”) of Rs 29.63 Crores (Rupees twenty nine crore & sixty three lacs only) at the close of the preceding financial year.

ii) The Bidder shall have a minimum Average Annual Turnover (updated to the price level of the year indicated in table below) of Rs 118.51 Crores (Rupees one Hundred eighteen Crores & fifty one lacs only) for the last 5 (five) financial years.

<table>
<thead>
<tr>
<th>Year</th>
<th>Year-1</th>
<th>Year-2</th>
<th>Year-3</th>
<th>Year-4</th>
<th>Year-5</th>
</tr>
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<tbody>
<tr>
<td>Up-dation factor</td>
<td>1.00</td>
<td>1.05</td>
<td>1.10</td>
<td>1.15</td>
<td>1.20</td>
</tr>
</tbody>
</table>

(Attach CA/Statutory Auditor Certificate)

- To arrive at the Experience Score for each Eligible Project. In the case of an Eligible Project situated in an OECD country, the Experience Score so arrived at shall be further multiplied by 0.5, in accordance with the provisions of Clause, and the product thereof shall be the Experience Score for such Eligible Projects.

- Experience for any activity relating to an Eligible Project shall not be claimed twice. In other words, no double counting in respect of the same experience shall be permitted in any manner whatsoever.

- EPI reserves the right to associate any member asLead memberin line with client’s RFQ. No claim on this account whatsoever shall be entertained.

- For calculating ‘B’ (Balance work), updation factor to be applied at the rate 1,1.05,1.1,1.15 & 1.20 for year 1,2,3,4 & 5 respectively i.e Balance work to be multiplied by updation factor as indicated.
• Construction shall not include supply of goods or equipment except when such goods or equipment form part of a turn-key construction contract/EPC contract for the project. In no case shall the cost of maintenance and repair, operation of Highways and land be included while computing the Experience Score of an Eligible Project.

• For conversion of US Dollars to Rupees, the rate of conversion shall be 28 days prior to submission date.

• For avoidance of doubt it is further clarified that the Company/firm/agency and EPI required to satisfy JV requirements of NHAI’s RFP collectively and individually. New JV shall cumulatively/collaboratively fulfill the 100% requirement.

• In case, Entity is selected as JV member by EPI then it has to be ensured that they are well acquainted with NHAI requirement and fulfilling RFP requirement especific criteria considering all corrigendum/addendum, if any at the time of submitting/bidding to NHAI.

• Any relevant information, document or data which has been inadvertently left/missed; and which is required as per NHAI’s RFQ/RFP or addendum/corrigendum; and leading to qualifying for bidding may be accepted as ultimate aim is to meet RFQ/RFP requirement of NHAI.

• In case of non-finalization of balance sheets for the financial year 2016-17, a certificate from statutory auditors/CA may be submitted.

Company/firm/agency fulfilling the above eligibility criteria and willing to associate with EPI may submit their technical and financial credentials by 27th October, 2017 1500 Hrs (IST). (List of successful completed/ongoing projects, certificate from clients, Annual reports of last 5 years, Chartered accountant’s certificate of turnover, net worth & profitability, etc. as per RFQ or their corrigendum/addendum, if any, should be submitted). The envelope should be marked with EOI no. DLI/BDD/EOI/063 dated 17.10.2017.

EPI reserves the right to accept or reject any or all EOIs or annul this process without assigning any reason and liability whatsoever and to re-invite EOI at its sole discretion. Joint Ventures/Consortium is not allowed. Joint Venture Bid Agreement / consortium may be signed before submission of bid. Company/firm/agency are requested to visit regularly the EPI’s website www.epi.gov.in for corrigendum, Addendum, Extension or Cancellation of this EOI.

For NHAI corrigendum, addendum, reference, clarification, etc, please visit web site https://etenders.gov.in or official portal of NHAI i.e. http://www.nhai.org.

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