

## **HIGHLIGHTS OF THE NEW TECHNOLOGY TENDER, DELHI DEVELOPMENT AUTHORITY, NEW DELHI**

1. **Name of Work:** Construction of 24660 LIG & 4855 EWS houses using prefab technology (having Structural RCC members i.e columns, beams & slabs all precast) in Narela & Rohini. (Sub-Head:-Construction of 13094 LIG & 2579 EWS i/c internal development & electrification at Narela (Group-II)
2. **Agency:** Delhi Development Authority, New Delhi.
3. **Project Duration :** 36 months
4. **Estimated Cost:** Rs. 1093 crores
5. **Tender awarded Cost:** Rs. 1394.35 crores.
6. **Technology for Building:** The dwelling units shall be constructed by using prefab technology having RCC members (i.e. columns, beam & slabs all precast) as a turnkey project. The LIG Houses will be as per MPD 2021 having minimum carpet area 35 Sqm. Consisting of two rooms, Kitchen, Bath and WC (Size to be confirmed as per BPL) independent entry to WC/Bath from lobby is desired. The EWS houses will be as per IS 8888 having minimum carpet area of 25 Sqm. Consisting of two Rooms, Kitchen, Bath and WC (Size to be confirmed as per IS 8888) independent entry to WC/ Bath from lobby is desired.
7. **Tender called on Lumpsum basis.** Lump-sum rates to be quoted for cost of each LIG & EWS Dwelling Unit and rate per sqmt. for development work. As per tender for releasing payment, 45 stages with percentage of payment are there covering all building and infrastructure works. The payment shall be made on Unit Basis. Any additional area provided by the agency will not be measured and paid.
8. **Scope of Work:** The work shall be executed on Turnkey basis from conception to commissioning services including precast component designing method of erection in accordance with layout plan and architectural/structural drawings to be approved by DDA.

### **Design and green building parameters to be considered.**

- i. To provide Hierarchy of open spaces.
- ii. To encourage pedestrian walk.
- iii. To encourage dust free and noise free environment.

- iv. Arrangement of cluster is planned in such a way so as to maximize shading of walls by the building.
- v. To use maximum natural light thereby reduce energy load on mechanical services.
- vi. Air movement to be an essential design concern.
- vii. Thermal mass insulation, transmittance and thermal performance index of walls shall be as per IS: 3792

9. **Criteria of eligibility for submission of bid document:** *(for details see tender document)*

**Turnover-**

Average annual financial turnover of construction works should be at least 30% of the estimated cost during last the immediate last three years. In case of joint ventures lead partner must have turnover not less than 51% above requirement and other partner not less than 25% of said requirement. (the summation of individual financial turnover of joint venture, partners, constitutes 100% of the required turn over)

**Experience of having successfully completed works during last seven years.**

- i) Bidder should have completed three similar works each costing not less than the amount equal to 40% of the estimated cost put to tender or two similar completed works each costing not less than the amount equal to 60% of the estimated cost put to tender or one similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost or cumulative cost of completed building works executed by the agency in the immediate last seven years should not be less than 80 % of the estimated cost.

In case of joint ventures, lead partner should meet the experience criteria individual or should have not less than 51% above requirement and other partner not less than 25% of said requirement. (the summation of individual financial turn over of joint venture, partners, constitutes 100% of the required turn over)

- ii) Should have at least constructed multistoried building works (completed Building works having G+7 storied or height not less than 24 mtr.) having 75000 sqm. plinth area with any one of the Prefab technology proposed to be adopted in the tender i.e. columns, beams, slab all precast/ wall panel slab all precast as proposed to be adopted by the bidder and the prefab system of construction should be identical for both the partners in immediate last seven consecutive years as main contractor.