

**WEST CENTRAL RAILWAY**

**CIVIL ENGINEERING DEPARTMENT –OPEN LINE –KOTA DIVISION**

**Expression of Interest(EOI)**

**For Engagement of Architectural Consultants/Firms for Redevelopment of Dakaniya Talav (DKNT) Railway Station.**

**PROPOSAL SUBMISSION TIME- 10.00 A.M TO 12.00 P.M ON 25.06.2020**

**May 2020**

Kota Division, West Central Railway, proposes to redevelop Dakaniya Talav (DKNT) Railway station by making changes to improve passenger facilities by way of beautification as well as structural changes. Expression of Interest is invited for the development of concept plan and design by reputed Architectural Consultants/Firms for **Redevelopment of Dakaniya Talav (DKNT) Railway station**

**The objective:**

To engage a reputed Architectural Consultant/Firm registered with the Council of Architecture or equivalent foreign institution to provide consultancy services for Planning and Design work of Redevelopment of Dakaniya Talav station, West Central Railway.

(As per Architects Act Govt. of India, Proprietor/All the partners of the firm should be registered under Council of Architecture for rendering Professional Services.)

**Scope of Work:**

The scope of work for the Architectural consultant/firm is to provide a complete and comprehensive Architectural Design (concept Plan), Engineering Design and detailing for all requirements for Dakaniya Talav station Building. Work scope will include preparation of concept plan, detailed drawings, material specification, landscape plan, structural design & drawings, costing for **Redevelopment of Dakaniya Talav station**.

**(A) Objective-** - Dakaniya Talav Architectural consultancy in connection with redevelopment of Dakaniya Talav station including preparation of detailed elevation, plan, cross section, structural design, working drawings, material specification, land scaping etc.

**(B) Outlines of tasks**

Architectural consultancy will be entrusted with all works from the stage of conception to completion of Dakaniya Talav Station building. This would include:

**1. Preparation of Building plans containing the following**

- a. Surveying of site and preparing preliminary conceptual drawing.
- b. Conducting soil investigation in the proposed site.
- c. Drawings for the proposed building.

- d. Preparation of necessary architectural working drawings.
- e. Structural calculations and structural drawings.
- f. Elevation & sections of proposed station building ( including all service building and other units in Station buildings )
- g. Layout drawings for water supply and drainage, electrical installations, telephone installations, etc.
- h. Planning of Waiting halls, Retiring rooms and other facilities required for proper function of railway station.
- i. Equipment/ Furniture layout
- j. Internal & external finishing details with area chart
- k. Fully dimensioned and all minute details required for floor wise
- l. Complete Interiors & furniture, other associated structural, services drawings, documents for all stages of the project
- m. Preparation of BOQ for Civil including site development work electrical and air conditioning, elevators, escalators, Fire detection, Fire protection and Security Systems works based on UNIFIED schedule of rates.
- n. Justifying of rates with local market rates and awards of work
- o. Periodic supervision of DKNT station during construction phase of the Project.
- p. Safe dismantling scheme of existing structures with minimum hindrance to passenger.

**2. Vehicular circulation, Parking and Passenger Movement at main entry/exit on platform no. 1**

- a. Organized and designated vehicular movement pattern for Auto, Taxi, Private Vehicles (2 & 4 wheelers) & VIP vehicles etc.
- b. Designing efficient short term & long term parking spaces for Cars, Two wheelers, Auto, Taxi & Buses etc.
- c. Development of Drop-off & Pick-up points at main entry.
- d. Incorporation of dedicated signage at strategic locations.
- e. Planning & designing of free flow of pedestrian movement till concourse level.

**3. Facade Improvement & Beautification**

- a. Facade of station building will be Combination of **Modern and vernacular architectural style**.
- b. Proposed design should be durable, easy to maintain and clean.

**4. Second entry at PF-04 side (East side)**

Preparation of detailed elevation, plan, cross section, structural design, working drawings, material specification etc. for small building for ticketing system and one entrance and Exit gate for station premises.

**5. Development of executive lounge at PF-01**

Preparation of detailed elevation, plan, cross section, structural design, working drawings, material specification etc. as per requirement.

**6. Selfie Point**

Creation of various points of public interests at station premises.

**7. Landscaping**

- a. Landscaping inclusive of native species of trees, plants & shrubs and designing of exterior covered or semi-covered informal places for passengers, keeping aesthetics and functions alive.

- b. Designing of landscapes such as flooring, pavements and plaza etc.

**8. Platforms**

- a. Flooring at platforms to be designed and improved with durable material and finish
- b. Underside of COP to be designed to cover various services running at ceiling level.
- c. location and frequency of various Food & Beverage kiosks.
- d. Designing of **Tactile Path** to make platforms and station premises Divyangjan/visually impaired friendly.
- e. Planning for Suitable locations of FOB and Escalators, and their arrangements for barrier free movement of passengers.
- f. Paths ways for divyang passengers.
- g. Planning of Information Boards and various singaes for Passengers.

**9. Barrier Free Movement**

- a. Designing barrier free circulation for physically challenged passengers/ Divyangjan by incorporating ramps or lifts wherever necessary and required. It should cover guidelines mentioned in Railway Board's letter no. 2019/Stn.Dev.-1/03/06/Policy/PWDs dated 12.02.2020.

**10. Interiors**

- a. Designing and suggesting improvements in booking area, concourse hall and all service buildings of station premises from functional as well as aesthetical point of view.
- b. Designing efficient seating and lighting layout for these areas.

**11. Garbage Collection and Disposal**

- a. Studying existing system of waste collection and disposal at Dakaniya Talav Station and suggesting appropriate way of waste collection and disposal as per existing statutory guidelines.

**12. Electrical**

- a. Lighting design and layout for external circulation and parking areas.
- b. Lighting design and layout for Platform area and all service buildings and of station premises.
- c. Designing of facade lighting.

**13. Water supply, Drainage & Sewerage**

- a. Studying existing water supply, drainage & sewerage services of Platform area, all service buildings, station premises and at external areas on platform no. 1 side and suggest better scheme for the same.
- b. Designing of layout of services such as catch basins, manholes, rain water harvesting pits etc.

**14. Gender Sensitive Approach**

- a. Improving the station as far as women's' safety and security is concerned via integrated gender sensitive design.
- b. Improving women hygiene at platforms & station area by providing adequate sanitary pads kiosks and toilets, which will also build awareness for best practices of menstrual hygiene and usage of contraceptives.
- c. Special kiosk to address women complaints & grievances on fast track as per latest government guidelines.

15. Any other improvement work envisaged by Tenderer.

**Procedure for participation in the EOI and subsequent steps :**

a) Firms interested in participating in the EOI should report to the Senior Divisional Engineer (Coordination), West Central Railway, Kota Division, Divisional Railway Manager's Office from **10.00 A.M to 12.00 P.M on 25.06.2020** along with the following documents:

- i) Willingness to participate in EOI and subsequent process on firm's letter head.
- ii) Certificate of Registration with Council of Architecture.
- iii) Portfolio/experience of projects developed by the firm.
- iv) Financial credentials of the firm.

(b) Screening of the firms which have reported to the Sr.Divisional Engineer (Coordination) will be undertaken on the same day on the basis of the criteria mentioned above. Only those architectural consultant/firms will be shortlisted which are registered with the Council of Architecture or equivalent foreign institution and meet the criteria mentioned above. The eligible architectural consultants/firms will be given a briefing on the project followed by a site visit to Dakaniya Talav station on the same day.

c) Thereafter, the shortlisted architectural consultants/firms will develop their proposal according to the scope of the work and will undertake the following:

- i) Make a detailed presentation on their concept and design for development of Dakaniya Talav station.
- ii) Submit a report in hard and soft copies detailing the design and tentative cost, item wise, according to the scope of work.

For making the above presentation, the shortlisted firms will be given a period of 10 days.

Railways will evaluate these presentations/report and shortlist a maximum of 04 firms. This short listing will be based on the following:

- 1) The aesthetic quality and workability of the design.
- 2) Economy in design and materials.
- 3) Environment friendliness including green technology.
- 4) Incorporating elements of local architecture.
- 5) Disablement friendliness.
- 6) Efficiency and smoothness of traffic and pedestrian flow.
- 7) Efficiency in design of parking facility for two wheelers, cars, buses and taxis.

(d) Bid for detailed consultancy tender will be taken from these shortlisted firms only on IREPS. The approximate cost of consultancy tender is expected to be around Rs.10 lakhs.

**Further Support/Inputs to be provided by West Central Railway:**

- a. Facilitate onsite inspection and physical measurement.
- b. Briefing session for clearing doubts/queries related to EOI, if any.

**Disclaimer :**

- 1) West Central Railway reserves the right to cancel this request for EOI and/or invite afresh with or without amendments to this request for EOI, without liability or any obligation for such request for EOI and without assigning any reason. Information provided at this stage is indicative and West Central Railway reserves the right to amend/ add further details in it.
- 2) Submission/application by potential bidder for this EOI shall not be considered as qualification for selection of prospective bidder.

**Contact details for further clarification :**

For any clarification, contact Sr. Divisional Engineer (Co) Kota at Mob. No. 9001017200 OR email [srdencokota@gmail.com](mailto:srdencokota@gmail.com) and Sr. Divisional Engineer/south/ Kota at Mob. No. 9001017201 OR email [srdenskota@gmail.com](mailto:srdenskota@gmail.com)

Details of EOI are also available at website [www.wcr.indianrailways.gov.in](http://www.wcr.indianrailways.gov.in)

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