

Public Works Department Government of Himachal Pradesh

Project No: 49108-002 IND; Himachal Pradesh Skill Development Project

Name Of Work: PWD/09 (2019-20); Construction of Center of Excellence at Wakngaghat District Solan (HP); (SH:- Construction of Building Portion including Water Supply, Sanitary Installation, Electrical Installation and Site Development, Boundary Walls & Rain Water Harvesting System).

Invitation for Bids No.: CoE/01/2019-20 dated 4th October 2019

Employer: Public Works Department, Government of Himachal Pradesh, represented by Chief Engineer (Shimla Zone)

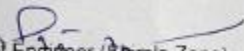
CORRIGENDUM-1

1. The following partial modifications are hereby made in the bidding document for the said project as tabulated below.

S.No.	Clause/ Section/ Part as per Bid Document	Modified Clause/ Section or part thereof (To be read as)
1	(Section 4) Activity Schedule ii. Preparation of concept drawings along with 3 D presentation of project as per scope of work mentioned in the bid document for approval from the client department and user department (HPKVN and DoIT). The proposed type of construction for the building of this project is preengineered type structures consists of RCC Sub-base/sub structure with super structure construction having structural steel tubular members of Tata Structura in main structure components and LGSF member construction in portion wall, roof truss, floor base, etc having RCC slab on each floor.	(Section 4) Activity Schedule ii. Preparation of concept drawings along with 3 D presentation of project as per scope of work mentioned in the bid document for approval from the client department and user department (HPKVN and DoIT). The proposed type of construction for the building of this project is pre-engineered type structures consists of RCC Sub-base/sub structure with super-structure construction having structural steel/MS Tubular/ MS Hollow section members in main structure components and LGSF member construction in partition wall, roof truss, floor base, etc having RCC slab on each floor.
2	(Section 6) Technical Specifications	(Section 6) Technical Specifications

	<p>The super structure consist of MS tubular sector of TATA Structra and partition walls, floor base, truss etc. of LGSF with approved wall cladding and RCC slab on each floor including roofing etc. as per approved design and drawing. The electrical & plumbing drawing will be got approved from Employer before execution.</p>	<p>The super structure consist of structural steel/ MS tubular/ MS Hollow sections (The steel to be used should be manufactured by any primary steel manufacturer such as SAIL/Rashtriya ISPAT/Tata Steel/Jindal Steel/JSW/ESSAR etc) and partition walls, floor base, truss etc. of LGSF with approved wall cladding and RCC slab on each floor including roofing etc. as per approved design and drawing. The electrical & plumbing drawing will be got approved from Employer before execution.</p>
3.	<p>(Section 6) 3. Structural frame work:- Providing and installation main structure frame components viz columns, beams & cross beams, bracing, gussets plates etc comprising of MS tubular section of TATA Structura as per approved design and drawing..</p>	<p>(Section 6) 3. Structural frame work:- Providing and installation main structure frame components viz columns, beams & cross beams, bracing, gussets plates etc comprising of structural steel/ MS Tubular/ MS Hollow sections as per approved design and drawing.</p>
4.	<p>(Section 6) 4. Building codes and standards The light gauge cold formed steel structure members shall be designed as per International Building Codes or any equivalent code of practice. other Indian standards codes are a. IS 4923:2017 MS tubular structural members b. IS 811:1987 cold formed light gouge structure steel sections (under evaluation). c. IS 801:1975- Code of practice for use of cold form light gauge steel structural members in general building construction (first revision). d. SP 6:1980 Handbook for structural engineers – cold formed ,light guage steel structures.</p>	<p>(Section 6) 4. Building codes and standards The light gauge cold formed steel structure members shall be designed as per International Building Codes or any equivalent code of practice. other Indian standards codes are a. IS 4923:2017 Hollow steel sections for Structural use- Specifications, (second revision) b. IS 811:1987 Cold formed light gauge structure steel sections. c. IS 801:1975- Code of practice for use of cold form light gauge steel structural members in general building construction. d. IS 456:2000 Plain and Reinforced Concrete- Code of practice. e. IS 808:1989 Dimensions for hot rolled steel beam, column, channel and angle sections. f. IS 2062: 2011 Hot rolled Medium and high tensile structural steel- Specification g. IS 875: 1987 Code of practice for design loads. h. IS 1893: 2016 Criteria for earthquake resistant design of structures. i. IS 13920: 2016 Ductile design and detailing of reinforced concrete structures subjected to seismic forces- code of practice. j. IS 1200-1:1992 Methods of measurement of building and civil engineering works. k. IRC specifications and guidelines for road work.</p>

5	<p>(Section 6) 12. Environmental Management Plan</p> <p>The Bidder shall address environmental and rehabilitation requirements and ensure that he is accountable for preventing or mitigating any environmental impacts. The Employer shall communicate the required measures from time to time through an Environmental Management Plan (EMP) attached as Annexure -1 (table 18 & 19) to Section 6 with the bid document. Upon finalization of detailed design a detailed EMP would be prepared prior to the commencement of civil works and suitable variation order would be issued to accommodate this. These plans would indicate the details as to how various measures are proposed to be taken, and the cost of such measures which shall be treated as an integral component of the project cost.</p>	<p>(Section 6) 12. Environmental Management Plan</p> <p>The Bidder shall address environmental and rehabilitation requirements and ensure that he is accountable for preventing or mitigating any environmental impacts. The Employer shall communicate the required measures from time to time through an Environmental Management Plan (EMP) attached as Annexure -1 (table 18 & 19) to Section 6 with the bid document. Upon finalization of detailed design a detailed EMP would be prepared prior to the commencement of civil works by the successful contractor. These plans would indicate the details as to how various measures are proposed to be taken, and the cost of such measures which shall be treated as an integral component of the project cost.</p>
6.	<p>Section 6- Brief for Architectural Design</p> <p>The architectural design shall be carried out to meet the requirements specified in this document as stated in the Schedule of Areas; Table A, and 2.</p>	<p>Section 6- Brief for Architectural Design</p> <p>The architectural design shall be carried out to meet the requirements specified in this document as stated in the Schedule of Areas; Table 1A, 2A, 2B, 2C and 2D.</p> <p>In addition the architectural design shall also take care of additional areas for circulation areas, public utilities, supporting ancillary facilities as per NBC standard which will be in addition to the areas specified in above mentioned tables.</p>
7.	<p>Reply to Pre-Bid queries: Sr. No. 10: The last date of bid submission is revised to 14th of November 2019</p>	<p>No Change in this clause</p>


 Chief Engineer (Shimla Zone)
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 Nigam Vihar, Shimla- 2