

Section 6 –Employer’s Requirements

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Specifications

The name of the Works: Construction of Model Career Centre (MCC) building at Bilaspur. H.P. (Addition and Alternation). (SH:- Construction of building portion including W.S & S.I , site development , C/O rain water harvesting tank and Electrical installation etc.)

The Works envisaged to be covered under the contract *inter-alia* consist of Construction of Building Portion including Civil Works, Water supply & Sanitary installation, Septic tank and Soak pit, Rain water harvesting system, Electrical installations, Solar water Heating System, Environmental management Site development etc. including all ancillary activities in compliance with provisions stipulated in various safeguard documents subject to modification time-to-time as required in relation to successful completion and function of Model Career Centre (MCC) Bilaspur, District Bilaspur in Himachal Pradesh.

The details specifications of the works to be constructed under the Contract are covered in "Public Works Department Specifications 1990, published by Public Works Department, Himachal Pradesh" and the same shall be and remain part and parcel of the Bidding Document and therefore be binding on the Contractor.

The Contractor (or either of the Joint Venture partner) shall be required to possess valid electrical license issued from competent authority for executing electrification works. However, in the event of electrical works being sub-contracted, the sub-contractor should have the said valid electrical license.

The Contractor shall be required to comply with the specifications and provisions stipulated in various Safeguard documents and to ensure that the rates and mount quoted by the Contractor are based on the following aspects:

- The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, General and Particular Conditions of Contract, Specifications, Drawings and to comply with requirements of Safeguard documents.
- The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured and verified by the Engineer and valued at the rates and prices bid in the priced Bill of Quantities, wherever applicable, and otherwise at such rates and prices as the Project Manager may fix within the terms of the Contract.
- The rates and prices bid in the priced Bill of Quantities shall, except as otherwise provided under the Contract, include all required construction equipment, labor, supervision, materials, erection, maintenance, insurance, profit, taxes, and duties, together with all general risks, liabilities, and obligations set out or implied in the Contract.
- The cost of Items against which the Contractor has failed to enter a rate or price/ amount shall be deemed to be covered by other item rates and prices/amount in the Bill of Quantities.
- The whole cost of complying with the provisions of the Contract shall be included in the Items provided in the priced Bill of Quantities, and where no rates or the Items are

provided, the cost shall be deemed to be distributed among the rates and prices entered for the related Items of Work.

- Provisional Sums if included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Project Manager in accordance with the Conditions of Contract. It will be used by the Project Manager for nominated sub-contractors, line agencies, third party inspecting agencies, charges levied by statutory electrical, telephone, or other authorities, or for other miscellaneous works as Project Manager deems fit. The use of provisional sum will also be for relocation of utilities above or under the ground that conflict with the existing or permanent line or level or the works; independent sampling and laboratory testing as directed by the Project Manager, Replacement or Compensation for Plants and Trees removed due to the works etc. as directed by the Project Manager.
- The method of measurement of completed work for payment shall be in accordance with the relevant codes of practice/ procedures.
- Cost of temporary works including but not limited to Construction and maintenance of road diversions including traffic control; Construction and maintenance of temporary dewatering and drainage arrangements, establishment and maintenance of contractor's site office, store, establishment and maintenance of workshops, plant and equipment, including Project sign boards etc will be part of work and shall not be paid extra.

Drawings

The Drawings related to the Bidding process are enclosed.

Supplementary Information Regarding Works to Be Procured

The Soil Testing Report and Topographic survey related to the Bidding process are available in the office of the Employer for Bidder's guidance. The bidders are advised to see these documents before submission of their bid.

Personnel Requirements

Using Form PER-1 and PER-2 in Section 4 (Bidding Forms), the Bidder must demonstrate that it has personnel who meet the following requirements:

No.	Position	Required Qualification	Experience In Similar Work [years]
1	Project Manager	Graduate Engineer	5 Years
2	Quality Control/ Assurance Engineer	Diploma in Engineering	2 Years
3	Safety officer	Suitably Qualified	2 Years
4	Environment, Health and Social Safeguard Officer	Suitably Qualified	2 Years

Equipment Requirements

Using Form EQU in Section 4 (Bidding Forms), the Bidder must demonstrate that it has the key equipment listed below:

No.	Equipment Type and Characteristics	Minimum Number Required
1	Hoist (Pulley, rope and tripod)	1 No.
2	Tipper Truck or tractor with trolley having capacity 0.5 ton or more	2 No.
3	Steel Shuttering	300 Sqm
4	Concrete mixer (one bagger)	2 No.
5	Weighing Machine	1 No.
6	Vibrators	3 No.