

General Conditions of Contract

Except where-provided for in the description of individual items in the Schedule of Quantities and in the specification and conditions laid down herein after and in the drawings, the work shall be carried out as per standard CPWD specifications and under the direction of the Engineer-in-charge of the Centre.

A. Interpretation:

In construing these conditions, the specifications, the schedule of quantities, tender and agreement, the following words shall have the meaning herein assigned to them except where the subject or context otherwise requires:

- i) **The Centre:** The term Centre shall denote Satyendra Nath Bose National Centre for Basic Sciences, Block –JD, Sector-III, Salt Lake, Kolkata-700098 or any of its employees /representatives authorised on their behalf.
- ii) **Site Engineer:** The term Site Engineer shall mean the person/s appointed and paid by the Centre to superintend the work.
- iii) **The Contractor:** The Contractor shall mean the individual or individuals, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.
- iv) **Site:** The site shall mean the site where the works are to be executed in the campus as shown in the drawing.
- v) **Drawing:** The work is to be carried out in accordance with drawing, CPWD specifications, the schedule of quantities and any further drawings, instructions etc. which may be given by the Engineer-in- charge on behalf of Centre during execution of the work.

In case any detailed drawings are necessary contractor shall prepare such detailed drawings and have it confirmed by the Centre prior to taking up such work.
- vi) **The Work:** The Work shall mean the work or works to be executed under this contract.
- vii) **The Schedule of Quantities:** 'The Schedule of Quantities' shall mean the schedule of quantities as specified and forming part of this contract.
- viii) **"Price Schedule of Quantities"** shall mean the schedule of quantities duly priced with the accepted quoted rates of the contractor.
- ix) **The Centre:** The **Centre** shall mean Satyendra Nath Bose National Centre for Basic Sciences with its premises located at Block-JD, Sector-III, Salt Lake, Kolkata-700098 and shall include its authorized representatives, successors and assignees.
- x) The **Bid/Tender** shall mean the proposal /offer along with the supporting documents, submitted by the bidder for consideration by the Centre.
- xi) The **Bid/Tender document** shall mean the documents issued by the Centre to prospective bidders, containing various terms and conditions, scope of work, any requirements etc. or generally laid and in various section spelling out the basis, procedure, modes, methods and

formalities of the bidder to prepare their BIDs for submission to the Centre. The BID documents shall include the invitation to BID, instructions, proposal forms and all addenda/corrigenda/amendments issued by the Centre.

- xii) The letter of acceptance of BID shall mean an official invitation from the Centre to successful bidder to the effect that his/their BID has been accepted in accordance with the provisions contained therein.
- xiii) The expression works or work shall, unless there be something either in the subject or context repugnant to construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
- xiv) The **Contract** means the documents forming the tender and acceptance thereof and the formal agreement executed between the Competent Authority of the Centre and the contractor, together with the documents referred to therein including these conditions, the specification, designs, drawings and instructions issued from time to time by the Engineer-in-charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.
- xv) The **Month** shall mean the calendar month according to the Christian calendar. **Day** unless herein expressly defined otherwise shall mean Christian calendar day of 24 hours.

B. Scope: The work consists of repairing of existing campus road where necessary. A small stretch by the side of Security Block near Pump House shall be constructed as Water Bound Macadam Road after observing all necessary specification as laid down in CPWD specifications as well as nomenclature of the item.

Before starting the work few defined points shall be shown by the Engineer-in-charge to operate the item: providing /laying of 250 mm dia NP2 pipes across the proposed bituminous road.

Further, 300 mm dia NP2 pipes will be laid parallel to the edge of road allowing required (as per specification) slope in direction of sub-station building from a crown point (to be determined by the contractor at site) and another slope towards Krishnachura Building. A drawing shall be prepared showing existing locations of gully pits and proposed gully pits with their invert levels and both the direction of the slope of NP2 pipes.

Full required quantities of materials such as 63 mm to 45 mm size stone aggregate, over burnt (jhama) brick aggregate 90 mm to 45 mm, stone screening 13.2 mm (type-A) and 11.2 mm (type-B) nominal size, bricks for Brick Flat soling, straight run bitumen of penetration value 80/100 (i.e. grade 80/100) conforming to I.S.: 73 for carpeting as well as tack coat, chisel dressed kerb stone and channel stones of required sizes, moorum etc. and any

materials pertaining to this work shall be brought at site in well advance of starting of work and shall be shown each of its samples to Engineer-in-charge for approval.

All such materials shall be of approved make and shall be measured jointly before consumption in the work.

The hot-mix plant of appropriate capacity and its allied parts/ arrangements shall be used for the preparation of mix materials.

The temperature of the binder at the time of mixing in the range of 150 ° C to 163° C and that of aggregate 155 ° C to 163° C.

The application of the bitumen should be done uniformly on the prepared surface parallel to the centre line of the road.

The surface regularity shall be tested with template and straight edge, maintaining proper permissible slope to camber of the road surface to drain out, surface water to gully pits and longitudinal profile also to be seen within its permissible undulation.

The edges to be well defined by the cord line (wire or twine) on pegs in position. All procedure of progressing work shall be followed as per CPWD specification of latest edition.

To protect electrical cables, during laying of NP2 pipes, necessary safety arrangements, shall be made by the contractor at his own cost.

Registrar