

G.SCHEDULES

SCHEDULE 'F' - REFERENCE TO GENERAL CONDITIONS OF CONTRACT

Name of work: Construction of internal campus road including WBM, metalling and blacktopping at NIT Meghalaya permanent campus, Sohra (Cherrapunjee).

1.	Estimated cost of work	Rs 8,17,95,262.00
2.	Earnest Money	Rs 16,35,905.00
3.	Performance Guarantee	3%
4.	Security Deposit	3%

General Rules & Direction:

1.	Officer inviting Tender	Director, NIT Meghalaya
2	Percentage on cost of materials and labour to cover all overheads and profits	15%
3.	Schedule of Rates (SOR)	Meghalaya PWD Schedule of Rates (Roads) for the year 2020-21.

REF: CLAUSE 1 OF GCC: PERFORMANCE GUARANTEE	
(i) Time allowed for submission of performance Guarantee from the date of issue of work order	15 days
(ii) Maximum allowable extension beyond the period provided in (i) above	15 days
REF: CLAUSE 2A OF GCC: COMPENSATION OF DELAY	
Authority of fixing compensation under clause 2A	Director, NIT Meghalaya
REF: CLAUSE 5 OF GCC: TIME & EXTENSION FOR DELAY	
Number of days from the date of issue of work order for reckoning date of start	15 days
Time allowed for execution of work	12months

TABLE OF MILE STONE (S):

T= 15th day from the date of issue of work order.

Sl. No.	Description of Mile stone (Physical)	Time allowed in days (from date of start)	Amount to be with held in case of non achievement of milestone
1.	Works upto ground level	T+3 months	Rs 80,000.00
2.	Works upto 1.2m from ground level	T+5 months	Rs 80,000.00
3.	Masonry work for full height above 1.2m	T+10 months	Rs 2,60,000.00
4.	Providing fencing on the top	T+11 months	Rs 50,000.00
5.	Finishing works	T+12 months	Rs 50,000.00

REF: CLAUSE 6 & 6A OF GCC: MEASUREMENT OF WORK DONE AND COMPUTERIZED MEASUREMENT BOOK

Clause applicable: 6/ 6A (Non applicable clause to be striked off)

REF: CLAUSE 10A OF GCC: MATERIALS TO BE PROVIDED BY THE CONTRACTOR

List of testing equipment to be provided by the contractor at site lab.

1	Cube mould-4 nos	4	
2	Sieve analysis apparatus-1 set	5	
3	Dumpy level-1 no.	6	

The key equipments for road works and field testing laboratory Road Works are:

For Road Works

Sl.	Name of the Equipment	Quantity	Capacity
1	Bull Dozer	1 No.	
2	Air Compressor	1 No.	210 Cfm
3	Concrete Mixer	1 No.	0.40 cum
4	Smooth wheeled Road Rollers	4 No.	80-100 KN
5	Truck/Tractor trolley	2 No.	
6	Loader	1 No.	
7	Tipper	4 No.	5.50 cum/10MT
8	Concrete Vibrator	1 No.	
10	Excavator	1 No.	1.0 cum bucket
11	JCB/End Loader	1 No.	1.0 cum bucket
12	Mechanical Broom	1 No.	

For MBT Works

Sl. No.	Name of the Equipment	Quantity	Capacity
1	Tar Boiler	1 No.	400 Ltr.
2	Vehicle mounted mechanical bitumen sprayer	1 No.	
3	Fully electronic and computerised Hot mix plant	1 No.	40-60TPH
4	Paver Finisher	1 No.	100 TPH
5	Vibratory Road Roller	1 No.	80-100 KN

For Field testing Laboratory

Sl. No.	Name of the Equipment	Quantity	Capacity
1	Liquid Limit & Plastic Limit Apparatus	1 No.	
2	Dry/Bulk density test apparatus	1 No.	
3	Compact test apparatus	1 No.	
4	Oven	1 No.	
5	Concrete cube testing moulds (steel)	6 Nos.	
6	Slump test apparatus	1 No.	
7	Sieves analysis apparatus	1 Set	
8	Crossbar, templates, measuring tape	1 No. each	
10	Aggregate Impact Value Machine	1 Set	
11	Sand replacement cylinder with accessories	2 Nos	
12	Core Cutter with collar and hand rammer	2 Nos	
13	Speedy Moisture Meer (With Chemical)	1 Set	
14	Flakiness Gauge	2 Sets	

Note: The bidder must produce the following documentary evidence in support of his owning the above equipment:

REF: CLAUSE 10 B (ii) OF GCC: MOBILIZATION ADVANCE, INTEREST & RECOVERY

Whether Clauses 10 B (ii) shall be applicable: **No**

REF: CLAUSE 12 OF GCC: DEVIATIONS/ VARIATIONS, EXTENT AND PRICING

Deviation limit beyond which clause 12 shall apply

For Superstructure Work	25%
For Foundation Work	50%

REF: CLAUSE 16 OF GCC: ACTION IN CASE OF WORK NOT DONE AS PER SPECIFICATION

Competent Authority for deciding reduced rates: Director, NIT Meghalaya

REF: CLAUSE 25 OF GCC: SETTLEMENT OF DISPUTES AND ARBITRATION

Law court of Jurisdiction : Meghalaya High Court

REF: CLAUSE 36 OF GCC: EMPLOYMENT OF GRADUATE/ DIPLOMA ENGINEERS

Sl. No.	Minimum qualification of Technical representative	Discipline	Designation (Principal Technical/ Technical)	Minimum experience	Number	Rate at which recovery shall be made from the contractor in the

			representative)			event of not fulfilling provision of clause 36 (i)
1	Graduate	Civil	Engineer	3 years	1	Rs 30,000.00
2	Diploma	Civil	Site Engineer	5 years	1	Rs 20,000.00
3	12 th Class		Supervisors	5 years	2	Rs.10,000.00

REF: CLAUSE 41 OF GCC: RETURN OF MATERIALS AND RECOVERY FOR EXCESS MATERIAL ISSUED.

(i) Variations permissible on theoretical quantities:

(a)	Cement for works with estimated cost put to Tender not more than Rs. 5 Lakhs	3% plus/minus
	For works with estimated cost put to Tender more than Rs.5 lakhs	2% plus/minus
(b)	Bitumen for all works	2.5% plus only & Nil on minus side
(c)	Steel Reinforcement and structural steel sections for each diameter, section and category	2% plus/minus
(d)	All other materials Nil	

(ii) Recovery rates for quantities beyond permissible variation:

Sl. No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond Permissible variation	Less use beyond the permissible variation
1.	Cement		
2.	Steel reinforcement a) M.S. Bars b) b) HYSD bars		
3.	Structural Sections		
4.	Bitumen issued free		
5.	Bitumen issued at stipulated fixed price		