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Tender Inviting Authority: **Dean (Admin)**

Name of Work: **Re-surfacing of existing Road at Institute for Plasma Research Campus, Bhat, Gandhinagar. (IPR)-382428**

Contract No: **IPR/TN/CIVIL/07/2022**

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

"Note:-

1. For detailed Specification, Contractor has to refer and follow Specifications Volume-I and Volume-II, 2019, CPWD (Central public works department) available on online CPWD portal (https://cpwd.gov.in/Documents/cpwd_publication.aspx) including material, workmanship, equipment's, IS code etc.

2. All the items are for all leads and lifts etc.

3. All the works to be carried out should be done by heating and mixing asphalt and aggregate with hot mix plant, transportation from plant to institute, spreading the same by paver finisher machine and consolidation with road roller 6 to 9 tonne.

4. In case of non-availability of detailed specification in CPWD 2019, Specification of the same shall be executed as per clauses mentioned in GCC and / or as directed by Engineer-In-Charge, whose decision shall be final. No extra shall be payable for execution of items as mentioned in Schedule of Quantities as a result of adopting detailed specification or India Standard of relevant or Other Standards thereon.

5. All respective items should be as per the approved make / brands / list attached in Tender document"

| NUMBER # | TEXT # | TEXT # | NUMBER # | TEXT # | NUMBER # | NUMBER # | TEXT # |
|----------|------------------|------------------|----------|--------|--|---|-----------------------|
| Sl. No. | Item Description | Item Code / Make | Quantity | Units | RATE In Figures To be entered by the Bidder in Rs. P including GST & all taxes | TOTAL AMOUNT Including GST & all Taxes in Rs. P | TOTAL AMOUNT In Words |
| 1 | 2 | 3 | 4 | 5 | 7 | 14 | 15 |

| | | | | | | | |
|---|---|-------|----------|-----|--|------|---------------|
| 1 | <p>Providing and laying semi- dense Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.</p> <p>Filling of pot holes with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.</p> <p>Note- including scraping, brooming, cleaning the surface using air compressor, for making the existing road levelling by repairing of pot holes, undulation and making of bumps etc. (This shall be laid along with executing item no. -2. Measurement in cum shall be taken before execution for this item for repairing of potholes, undulation and making bumps) - Note - Design mix to be submitted for approval before execution as mentioned in item 16.48 - Dense bitumeious concrete - CPWD specification volume - II</p> | item1 | 45.00 | Cum | | 0.00 | INR Zero Only |
| 2 | <p>Providing and laying semi- dense Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.</p> <p>25 mm compacted thickness with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.</p> <p>Note - Design mix to be submitted for approval before execution as mentioned in item 16.48 - Dense bitumeious concrete - CPWD specification volume - II</p> | item2 | 17500.00 | Sqm | | 0.00 | INR Zero Only |
| 3 | <p>Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG- 10 / VG-30 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including consolidating with 6 to 9 tonne power roller including rolling and finishing with road roller all complete.</p> <p>Note- including providing and spreading of stone dust immediatly after seal coat and cleaninig of the same after appropriate / few days.</p> | item3 | 17500.00 | Sqm | | 0.00 | INR Zero Only |

| | | | | | | | |
|-----------------------------|---|-------|----------------------|-----|--|------|---------------|
| 4 | <p>Providing and applying tack coat using hot straight run bitumen of grade VG - 10 / VG-30, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg / sqm</p> <p>Note- including hire charges of boiler etc, tools & plants, preparing of the surface to receive tack coat, including scraping, brooming, cleaning the surface using mechanical broom, air compressor complete all as per instructed by Engineer in charge.</p> | item4 | 17500.00 | Sqm | | 0.00 | INR Zero Only |
| 5 | <p>Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.</p> | item5 | 1279.94 | Sqm | | 0.00 | INR Zero Only |
| Total in Figures | | | | | | 0.00 | INR Zero Only |
| Quoted Rate in Words | | | INR Zero Only | | | | |