

1. SCOPE & TECHNICAL SPECIFICATION

Part – A Electrical

| S. No. | Job Description | Qty. | Min. Tech. Specification | Cost in Rs |
|--------|---|------|--|------------|
| 1 | Complete Electrical works to enhance the esthetic look of the temple, comprising of lighting and providing power to all other accessories like fans, Live TV displays, CCTV etc inside the Shri Kasi Viswanath temple premises. Majorly the scope is to replace the existing lighting system (over lay to underground) without disturbing any permanent structure / wall etc with above scope, but not limited to following detailed scope; | Lot | As suit at site | |
| A | Cabling works from Transformer to main distribution box | Lot | As per existing load but considering future loading of 25% margin | |
| i | Main distribution Box to various local DBs (mostly underground) | Lot | The local DBs must have a margin of min. 50% capacity enhancement considering existing load | |
| ii | Local DBs to inside individual temples Switch Boards (mostly underground) | Lot | All switch board must fulfill the latest norms of Fire & Water resistance norms with latest technology & esthetic look | |
| iii | Switch board to each accessories by replacing all over heads laying | Lot | Over head laying along with best matching Stainless Steel covered conduits matching to esthetic look of the temple | |
| B | Lighting / Fan and other accessories inside the temple premises | | | |
| i | Proper lighting at all around the temple premises (inside) | Lot | The luminous value (Lux) shall be not less than 150 Lux at 3 to5 mtr of radius distance of any light fixer. All lights must be with latest technology in view of power consumption and durability. The contractor has to hand over min. 10% of all fixes as replacement warrantee for next one year. | |
| ii | Proper lighting at inside of all the individual temples, rooms, security posts etc (inside temple premises only) | Lot | | |
| iii | Focus lights at all adjacent corners of the open area | Lot | | |

Part – B Enabling works (Mech. & Misc.)

| S. No. | Job Description | Qty. | Min. Tech. Specification | Cost in Rs |
|--------|---|----------|---|------------|
| 1 | The enabling works consists of all desired works to be done to keep the temple premises clean , hygienic, odorless without hampering the routine operation of temple activities, security and devotees ease of darshan, without disturbing any structure / wall etc with above scope, but not limited to following detailed scope ; | Lot | As suit at site | |
| A | Cleaning of all drains, sumps and other similar “Nalis” etc | | | |
| i | From “ Garbh Griha” discharge to first collection point | Lot | <p>Manual / Electro mechanical cleaning with proper safety measures to ensure zero tolerance on any accident or loss of equipment / human.</p> <p>The cleaning must ensure the removal of all debris, water etc up to extant the start of renovation / modification works as next step of scope.</p> <p>Considering the continuous incoming of visitors, the bidder must ensure a safe, secured and covered removal of debris from collection point to pre decided dump yard.</p> <p>The removal of debris from dump yard shall be done by temples authority.</p> | |
| ii | First collection point to all connecting discharges and their sumps | | | |
| iii | Adjoining discharges to main collection point (Second Collection Point) | | | |
| iv | Second Collection Point to Third collection point | | | |
| iii | Third Collection Point to final discharge sump | | | |
| iv | Cleaning of any other “Nali” , discharge point (inside the temple) to ensure free flow of water / mix to further point | | | |
| B | Renovation & Modification of all drains, sumps and other similar “Nalis” etc | | | |
| i | From “ Garbh Griha” discharge to first collection point | | <p>All drains / sump points shall be renovate with white color tiles with proper fixing & slop of all the drains (where physically possible). In view of free flow of the discharges, If required, the drains / sump can also be modified without disturbing any permanent structure.</p> | |
| ii | First collection point to all connecting discharges and their sumps | | | |
| iii | Adjoining discharges to main collection point (Second Collection Point) | | | |
| iv | Second Collection Point to Third collection point | | | |
| iii | Third Collection Point to final discharge sump | | | |
| iv | Cleaning of any other “Nali” , discharge point (inside the temple) to ensure free flow of water / mix to further point | | | |
| C | Fixing of Electro - Mechanical equipments | | | |
| i | Sludge removal pump at main collection point (Second Collection Point) with all fixing and other charges. The power input shall also be provided under scope of Part – A of this contract. | 1w + 1st | <p>The pumps must be ISI marked with certified to remove sludge’s (max. - 8 to 10mm size) at a discharge head of 3 mtr with a discharge size of not less than 3 inches.</p> <p>It shall be easily removable and maintainable with AMC of min. 2 years with spares or replacement.</p> <p>The capacity of the pump shall be suited to the daily collection of main</p> | |
| ii | Sludge removal pump at main collection point (Second Collection Point) with all fixing and other charges. The power input shall also be provided under scope of Part – A of this contract. | 1w + 1st | | |

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| | | | collection pit/ sump, to be removed twice / thrice a day. | |
| iii | Pipe line from both Collection points (Second & Third) to final discharge sump | | MS pipe line with flange joints at suitable places for easy to remove during any maintenance or replacement. During pipe laying it must be ensured that there shall not be any hindrance for movement in view of obstruction to visitors or else. | |
| iii | Fixing of Jet pump with 15mtr discharge hose pipe with nozzle and one 1000Ltrs over head water tank inter connection | 1w + 1s | 1HP, High pressure Jet Pump to be fixed just besides of "Garbh Griha" to make ensure of daily cleaning | |
| iv | Fixing of NRVs, Ball Valves etc in pipe line | Lot | As suits to design and site condition | |
| D | Breaking, removal and fixing of matching marble all around the "Garbh Griha" and surroundings temples to ensure no water clogging and free flow of storm water in to nearby drains. | Lot | Bidder to ensure the minimum clogging of water around "Garbh Griha" temple by covering any open "Nail" of else. | |
| E | Covering of all sumps by perforated Stainless Steel covers with collapsible handles | Lot | The sizes of the covers shall be as suits to the individual sumps. The thickness of the cover shall not be less than 3mm and designed to bear the load of visitors passed by above. It should be finished properly so that there should not be any hindrance to walk above by visitors. | |