**ORDER NO: 143, DT: 05.12.2013**

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

O/o. THE SUPERINTENDING ENGINEER,

 TL & SS CIRCLE, APTRANSCO, KADAPA.

Memo. No. SE/TL & SS/Kdp/ADE-T/AE-T1/ F.40 /D.No. /13, Dt: -11-13.

 Sub:- TL & SS Circle/Kadapa - “Repairs to doors and windows, laying new AC

 sheets over roof, laying earth pits water line, providing cover slabs at

 damaged places at 132 KVSS, Pakala” – Estimate - Sanctioned –

 Regarding.

 Ref: Lr.No. EE/ Civil/TLC/KDP/F. 237 /D.No. 893 /13, Dt. 14-11-13.

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 Under the powers delegated vide T.O.O.No.CE(Transmission)

MS.No.229, Dt. 18-09-10, item No. 4 (b) of revised delegation of powers, the under signed is pleased to accord sanction to the Estimate towards” “Repairs to doors and windows, laying new AC sheets over roof, laying earth pits water line, providing cover slabs at damaged places at 132 KVSS, Pakala”.

 The cost of the estimate works out to **Rs. 2,40,358-00** (Rupees Two lakhs forty thousand three hundred and fifty eight only)

 The estimate is technically sanctioned and registered as O&M civil No.

 62 /13-14 and the work should be taken up subject to the availability of budget provision.

 The expenditure is chargeable to A/c.No. 74.300 of 132 KVSS Pakala under TL&SS Division/ Tirupati under civil works for the year 2013-14.

Encl: 1 No. Estimate.

 SUPERINTENDING ENGINEER,

 TL & SS CIRCLE :: KADAPA.

To

The Executive Engineer/TLC/ Civil/ Kadapa.

Copy to Divisional Engineer/ TL&SS/ Kadapa.

Copy to Asst. Executive Engineer/ O&M/ Civil/ Tirupati.

#Along with estimate Encl: One estimate.

Copy submitted to the Chief Engineer/Kadapa Zone/Kadapa.

Copy to Accounts Officer/TL&SS Circle/Kadapa.

**REPORT TO ACCOMPANY THE ESTIMATE**

 **Rs. 2,40,358-00**

**Name of the work** : Estimate towards Repairs to doors and windows, laying new AC sheets over roof, laying earth pits water line, providing cover slabs at damaged places at 132 KVSS, Pakala .

**Proposal in brief:** This estimate is prepared and resubmitted based on the indent vide Lr.No. ADE/M/ TPT/ F/D.No.264/12, Dt. 16-08-12 and based on quality assurance remarks vide Note.No. JMD9V&S)/QA/ R.No.750/d.No.165/13, Dt. 15-07-13. The existing AC sheet roof damaged at many places and leaking during rainy seasons. The MS windows damaged including frames. Two Nos. doors are also in damaged condition. The existing toilet doors are also damaged needs replacement. There is no water pipe line for watering the earth pits, hence it is proposed to replace damaged AC sheets, windows, doors, also proposed to lay new water pipe line with GI pipes for improving the earth resistance by watering the earth pits. Also, it is proposed to provide cover slabs at damaged places as per instructions of Quality Assurance wing. Hence the estimate is necessitated.

 The following are the main provisions made in the estimate.

1. Providing AC sheets over roof.
2. Providing syntax doors to toilets.
3. Providing new MS windows.
4. Providing CRCA doors.
5. Laying UPVC pipe line.
6. Providing taps for water line.
7. Providing gate valves.
8. Steel for cover slabs.
9. RCC cover slabs.
10. Sand filling in old cable ducts.

 The estimate is prepared as per the common SSR of A.P. Government for the year 2013-14 with the revised data.

**Cost of the estimate:** The total cost of the estimate works out to **Rs. 2,40,358-00** (Rupees Two lakhs forty thousand three hundred and fifty eight only). The expenditure is chargeable to O&M of 132 KVSS Pakala for the year 2013-14.

**Conclusion**: The estimate is now sanctioned.

 SUPERINTENDING ENGINEER,

 TL & SS CIRCLE :: KADAPA.

ABSTRACT ESTIMATE

NAME OF THE WORK : – Repairs to doors and windows, laying new AC sheets over roof, laying earth pits water line, providing cover slabs at damaged places at 132 KVSS, Pakala .

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No | Quantity | Description of item of work | Basic Rate | Per | Amount |
| 1 | 60.00 | Sqm | Roofing with 6mm thick corrugated asbestos cement sheets fixing with GI J bolts& nuts 8mm dia GI plain washers complete for finished item of work. But excluding cost of purlins, rafters trusses & cost of conveyance of all materials up to pitch of 60 deg. | 335.11 | 1 Sqm | 20106-60 |
| 2 | 4.00 | Sqm | Supply and fixing sintex or equivalent doors are made out of PVC section and panels. The overall dimension of the same is 33mmx47mm with usual process variation and a wall thickness of 1.5mm with a variation of 0.3mm. The infill is seamless hallow multi chambered PVC single panel having an effective dimension of 762x20mm having a wall thickness of 1mm including all taxes complete for finished item of work. | 2018.00 | 1 Sqm | 8072-00 |
| 3 | 16.00 | Sqm | Supply and fixing of pre-painted steel windows galvanized as per IS 513 for fixing by replacing damaged window leaves as per SSR item BMT-P-08 panelled with 5/4mm thick plain/floated glass fitted with EDPM gaskets including all labour, material with all EDPM gaskets including all labour, material with all leads and lifts including square guard bars for windows, window handles, hinges, bolts etc complete for finished item of work. | 6224.40 | 1 Sqm | 99590-40 |
| 4 | 170.00 | RM | Supply and fixing of 20mm dia UPVC pipes standard make for water supply line to earth pits including cost and conveyance of pipe, specials such as elbows, tees etc., including excavation of pit for laying pipe line and filling the same after laying pipe line and filling the same after laying pipe line in position as per the directions of the Engineer in charge for the finished item of work. | 131.14 | 1 RM | 22293.80 |
| 5 | 6.00 | Sqm | Supplying and fixing of door frame made of roll formed section of 1.25 m thick CRCA section, size should be 50x60mm with 32mm rebate and flush door shutter of 30mm thick solid bond wood block board type with teak veneer on one face and commercial ply on another face. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure plolyester paint. The frame should be provided with approved quality but hinges of 3 Nos. Heavy duty Mortice lock 6/7 levers with CP/PC handle, MS door stoppers, MS Door handles, MS tower bolts, complete as per the directions of Engineer-in-charge for finished item of work. | 2752.36 | 1 Sqm | 16514.16 |
| 6 | 20.00 | No | Supplying and fixing of 12.7 mm brass bid cock Indian make 300gms of standard make including cost and conveyance, labour charges etc. complete as per the directions of the engineer in charge for the finished item of work. | 216.60 | 1 No | 4332.00 |
| 7 | 10.00 | No | Providing and fixing in position 20mm dia G.M Gate Valve of standard make for water supply line with hand wheel at all elevations including jointing etc. complete as per the directions of the Engineer in charge for the finished item of work. | 540.36 | 1 No | 5403.60 |
| 8 | 320.00 | Kg | Supplying, fitting and placing HYSD/TMT bar reinforcement for cover slabs as per drawings and technical specifications for Bars below 36mm dia including over laps and wastage, where they are not welded including cutting, bending, cranking, typing grill in position including cost of binding wire etc. complete. | 54.05 | 1 No | 17296.00 |
| 9 | 3.00 | Cum | Casting of cover slabs with RCC M-20 Nominal mix (cement 400 Kgs) using 20/12mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including placing over cable ducts after curing, cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing and centering, etc., complete but excluding cost of steel and its fabrication charges for finished item of work (Sand 0.45 cum and Metal 0.90 cum) as directed by the Engineer in charge. Centring should be with steel scaffolded pipes, jack props, wallers, foot plates, brackets, steel centering plates etc., | 6880.90 | 1 Cum | 20642-70 |
| 10 | 12.00 | Cum | Sand filling with filling sand in old cable ducts wherever required including cost & conveyance of all materials, labour charges, leads, lifts, complete as per the directions of the Engineer in charge for the finished item of work. | 620.70 | 1 Cum | 7448-40 |
|  |  |  | Sub total | 221700-10 |
|  |  |  | ST @ 12.36% on 60% on of Sub Total | 16441-27 |
|  |  |  | Cess @ 1% on sub total | 2216-99 |
|  |  |  | Total | 240358-36 |
|  |  |  | Or say | 240358-00 |

(Rupees Two lakhs forty thousand three hundred and fifty eight only)

 SUPERINTENDING ENGINEER,

 TL & SS CIRCLE :: KADAPA.