

## PHYSICAL VERIFICATION REPORT

- 1. Name of the Project:** Const. of 320 MVA, 220/132 KV Grid station at Mir Bazar, Anantnag
- 2. Contract awarded to :** M/S UB Engineering Ltd;  
(JV with M/S A2Z Engg & Services Ltd)
- 3. Targeted date of completion of the project:** Sep, 2009
- 4. Financial Status:**

<b>Project Cost:</b>	Rs 71.33 crore
<b>Cum. Expenditure ending 10/2010:</b>	Rs 45.83 crore (64.25%)
<b>Cost of the departmental works:</b>	Rs 6.33 crore
<b>Cum. Expenditure of departmental works ending 10/2010:</b>	Rs 6.33 crore
<b>Cost of turn key component:</b>	Rs 64.50 crore
<b>Cum. Expenditure of turn key works ending 10/2010:</b>	Rs 39.50 crore

### 5. Physical Status of Work:

#### (a) Linear Progress

	<i>Description</i>	<i>Target (No's/cum/rm)</i>	<i>Foundations laid</i>	<i>Towers/Eqpt. erected</i>
<b>A</b>	<b><u>Preliminary works</u></b>			
	Compound walling		100% complete	
	Staff quarters		100% complete	
	Const. Power		100% complete	
	Water supply		100% complete	

<b>B</b>	<b><u>220 KV yard</u></b>			
	Gantry column (foundation)	48	48	48
	<i>Equipment foundation</i>			
	CT	33	33	Nil
	BPI	66	66	
	LA	24	24	
	CVT	30	30	
	CB	11	11	
	Isolator	42	42	
<b>C</b>	<b><u>220/132 KV Transformer yard</u></b>			
	Gantry column	12	12	Nil
	Transformer	7	7	
	Fire protection wall	7	50% each	
<b>D</b>	<b><u>132 KV yard</u></b>			
	Gantry column	52	52	33
	<i>(Equip. foundation)</i>			
	LA	24	24	Nil
	CVT	30	30	
	CB	11	7	
	CT	33	33	
	BPI	78	78	
	Isolator	42	42	

<b>E</b>	<b><u>Control room</u></b>		
	Plinth	Complete	
	Masonry work (stone)	505 cum	360 cum completed
	Super structure	Job	Nil
F	Earth mat	10000 rm	Nil
G	Retaining wall	960 rm	200 rm
H	Cable trench	1640 rm	Nil
I	Bus bar system	Lot	Nil
J	Road	960 rm	60 rm
K	Major equipment like power transformers, breakers, isolators, surge arrestors, C&R panels (except 220 KV panels,) CTs, PTs etc received at site.		

## 6. Field Observations:

- I. The inspection of the project was carried out on 21-11-2010; SE, Xen and the JE's of the Grid Construction Division also accompanied to the project site;
- II. The project cost is Rs 71.33 crore (with cost of turn key component of Rs 64.50 crore and departmental works Rs 6.33 crore);
- III. The Grid station is under construction over a piece of land measuring 104 kanals with a capacity of 320 MVA (of 220/132 KVA) and funded under PMRP;
- IV. The project under construction is under the supervision of CE, Grid Construction Division, Kmr with Technical assistance of CEA, New Delhi;
- V. The contract has been awarded to M/S UB Engineering Ltd (Joint venture with M/s A2Z Engineering & Services Ltd) on 29-05-2008 with mobilization advance released to the contractor in September, 2008;
- VI. The project was targeted for completion in September, 2009;
- VII. There has been an expenditure of Rs 45.83 crore (64%), consisting of Rs 6.33 crore on departmental works and Rs 39.50 crore on turn key works;

- VIII. All the major equipments like power transformers, breakers, surge arrestors, C&R panels etc for construction of the Grid station has been procured except 11 No. of 220 KV control and relay panels;
- IX. All the preliminary works by way of compound walling, residential quarters, providing electricity and water supply etc stands completed;
- X. The Control Room of the Grid Station is also under execution in which 25% progress has been achieved;
- XI. The financial expenditure ending October, 2010 works out to 64% while as the physical; progress amounts to only 30%, however the quantity of work done is of good quality.

#### **7. Bottlenecks:**

- a) As reported by SE the contractor is not showing any seriousness in execution and completion of the project;
- b) The department has kept 30 officials available at the project site for supervision and contrary to this only 33 workers mostly labourers were found working on the project;
- c) On ascertaining the slow pace of the work, it was reported by the SE concerned that there has been never brisk pace in execution of the project ever since its start in the year 2008;
- d) As per the terms of the agreement the contractor was required to work in double shift which part has never been done resulting in delay in the completion of the project;
- e) The contractor is reportedly attributing the slow pace of the work to the law and order problem which prevailed in the valley persistently during the last three years (Land row of 03 months in 2008, Shopian incident of 02 months in 2009 and unrest of 04 months in 2010 );
- f) The slow progress is already in the notice of the Commissioner/Secretary, PDD who incidentally on the day of the inspection, while taking the review of the departmental works at Circuit House, Srinagar impressed upon the MD of the Company on phone to immediately accelerate the pace of the work to ensure the completion of the Grid station as early as possible;
- g) As per the report of the SE, Grid Construction Division, the contractor seem to be over exploiting the conditions while the fact is that the situation is now much improved and is quite feasible for working.

## 8. Suggestions/remedial measures:

- I. The contractor should not feel any hitch in working in double shift as all the basic amenities in the shape of power, drinking water, sanitation, staff quarters have already been provided;
- II. The site of project is in contiguity of the NHW and cantonment area as such the contractor should feel quite secured for working conditions;
- III. The contractor needs to be gripped up administratively so as to make him to work on the project at a very brisk pace so that project which has already been delayed by more than a year, gets completed by the end of the current financial year;
- IV. There is another option with the government to get the balance portion of the work executed departmentally in case the contractor do not show seriousness towards the execution and completion of the project;
- V. It would be appropriate to convene a meeting of the Commissioner/Secretary, PDD and CE, O&S Kmr for working out the future strategy for the early completion of the Grid station.

## 9. Conclusion:

- The project assumes added significance in view of the fact that on its completion the state government shall overcome the T&D losses and load shedding problem especially during the peak hours as the southern part of the valley shall be directly fed from this Grid station which otherwise receives power supply from Sharifabad and Pampore Grid stations. The power supply can be easily tapped as the transmission lines are passing quite nearby the site of the Grid Station.

<b>Physical Verification Conducted by :</b>	Altaf Ahmad Zargar, Joint Director Planning, Monitoring Cell, Chief Minister's Secretariat.
<b>Officers of Executing Agency who : accompanied</b>	1. Superintendent Engineer, 2. Executive Engineer, 3. Junior Engineers <b>Grid Construction Division</b>