

## M/s NCC Limited- dated 01.11.2017

### “CLARIFICATIONS or ERRATA or DELETION or MODIFICATION”

to be carried out in bidding document of civil works of

**“Construction of Additional Spillway with Hydro-Mechanical Works” on left of Gandhi Hillock at Hirakud Dam –**

**Orisha –India (International Competitive Bidding) DoWR’s Request no : 3 dated: 21/10/2017**

S. N.	Part No./ Page No	Clause No.	As requested by Bidder	PROVISION As per Bidding Document	Reasons/ Justification of Errata / Deleted/ clarification/ modification requested by O-DoWR
1	Part-2, Page No.9	1	We understood that FRL,MWL, Top of Bund and spillway discharge capacity for dam are fixed by the client. Stability analysis and design of dam is finalized and the tender drawings shall be considered good for construction. Preparation of construction drawings as per tender drawings is only included in the present contract. Please clarify	The water Resources Department , Govt. Of Odisha, hereinafter referred to as Employer, plans to construct Additional Spillway on the left Bank of existing Hirakud Dam on Mahanadi River in Phase-1, as part of the overall scheme to take care of the revised design flood. The construction of the Additional spillway would be undertaken (through an item rate contract) as part of the DRIP and the World Bank has given their consent to finance the construction of this Project. For setting up of this project, the Employer intends that Contractor would provide design and construction drawings apart from construction and commissioning of the project.	The FRL & top of Bund level are fixed FRL is 192.04m , TBL is 195.68 M , MWL (Revised) 193.90M. the contractor has to check the stability of the dam for the revised MWL at deepest foundation level. For earth dam the stability is to be checked for the actual soil properties. Further the entire responsibility of the design construction & project execution drawings lies with the contractor.

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	Part-2, Page No.9	6.2	We understood that FRL,MWL, Top of Bund and spillway discharge capacity for dam are fixed by the client. Stability analysis and design of dam is finalized and the tender drawings shall be considered good for construction. Preparation of construction drawings as per tender drawings is only included in the present contract. Please clarify	Contractors scope of work shall include construction drawings for civil components and fabrication drawings for HM, automation and electrical works and landscape development work for entire project. While developing the detailed drawing, safety, use of energy efficient, reliable and proven state of art technology, at economical cost shall be the prime consideration. The aesthetics/architecture of the project as a whole shall also be given due importance.	-do-
	Part-2, Page No.24	9.1		Broad mile stones for construction drawing works	Contractor has to provide the milestone matching the construction schedule.
2	Section IV		ICB No. _____ Invitation for Bid No. _____ Alternative No. _____	Please clarify	ICB no - ICB-1/ODISHA/ASW-HIRA/2017-18
3	Section IV	3.4	We are large infrastructure company and we have more than 200 project works in progress, it is difficult to provide invoicing over last six months for all the projects. We request you to allow the audited certificate for the same.	Average monthly invoicing over last six months	Yes
4	Section IV	4.2(a) Table at part I page 149	We are unable to find Section-III E 1.1 above as mentioned in Form EXP-4.2 (a) (Cont.) please kindly provide the same	@ The item of work for which data is requested should tally with that specified in Section-III E-1.1 above	This is a typographical error at part I page 149, The relevant clause Sec-III C1-4.1, 4.2 and 4.2 a, 4.2b of part I page 39 to 44.

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5	Section IV- Bidding forms	Form EQU	Alternatively shall we provide concrete Batching Plant-60 m <sup>3</sup> /hr Min No. Required- 2no.	Sl.No.15 Concrete Batching Plant-120m <sup>3</sup> /r Miin no. Required-1no.	No
6	Section IV- Bidding forms	From EQU	Alternatively shall we provide Agreegate Processing Plan-200 TPH min no.required-2 no.	Sl.No.18 Aggregate Processign Plant-300 TPH Min no. Required-1 no.	No
7	Bid data sheet	BOQ	In BOQ, rate and amount to be filled by hand written or by typing,please clarify	C.Preparatin of Bids xiii) Bill of quantities, duly filled-in	- ( please note : Only typed BOQ will be entertained. It is preferred to fill in "Excel" format when bid is being submitted in CD/DVD's  - Refer Cl.20.0, 20.1 & 20.2 at page I- Page-27.