

CHECK LIST OF E&S SAFEGURAD MEASURES IMPLEMENTATION AT SITE

1. **Name of Dam:**
2. **Name of Agency:**
3. **Name of Contractor(s):**
 - a)
 - b)
 - c)
4. **Date(s) of Award of Contract(s):**
 - a)
 - b)
 - c)
5. **CHECK POINTS BEFORE AWARD OF WORK:**
 - i) *(If answer is "No", please give justification. For stakeholder consultation meeting provide the date and list of attendees)*
 - ii) ESDD prepared, approved by CWC and disclosed
 - iii) ESMP prepared approved by CWC and disclosed
 - iv) Nodal officer nominated for E&S safeguard
 - v) E&S expert available at dam (inhouse/contracted)
 - vi) Stakeholder consultation conducted (give date(s) and list of attendees)
 - vii) Review report of stakeholder consultation
 - viii) Is project located within or in proximity to protected Area (wildlife Sanctuary, national park, conservation reserve)?
 - ix) If yes, permission taken from Wildlife Warden?
6. **CHECK POINTS AFTER AWARD OF WORK AND BEFORE START OF WORK AT SITE:**
 - i) *E&S expert(s) available with contractor(s)*
 - ii) *Has contractor prepared and submitted C-ESMP as per template in ESMP?*
 - iii) *Is C-ESMP adequate and covers all the aspects?*
 - iv) *Labour License, ESI and insurance available?*
 - v) *Age record checked for the labour proposed to be deployed/ formal contract issued?*
 - vi) *Establish GRM (see Stakeholder engagement plan)*
 - vii) *Establish Internal Complaints Committee as per Prevention of Sexual Harassment at Workplace procedure*
 - viii) *Pre-deployment labour health check-ups, if required as per ESMP*

Comment [SKJ1]: I suppose all ESDD has to be finally approved by CWC

viii)ix) Workers Profile:

Key work activities/contracts	Schedule for such activities (mm/yy – mm/yy)	Rotation, if any	Place of residence			
			workers from local community		Migrant er y Workers (staying on site)	
			Male	Female	Male	Female

~~ix)~~ **Labour Camp:**

- (a) Location of labour Camp:
- (b) Number of houses/units:
- (c) Number of occupants: Male: Female: Children
- (d) Number of toilets: Male: Female:
- (e) Source of Water with permission to draw water :
- (f) Availability of safe drinking water
- (g) Source of Power:
- (h) Availability of toilets and bathrooms connected with sewage disposal system
- (i) Sewage collection and disposal arrangement as per ESMP. (This should include Provision of Septic tank if no linkage available to site sewage collection and treatment system):
- (j) Waste collection and disposal arrangement as per ESMP (this should include provision of segregation of waste and safe practice of disposal of waste as per its nature :
- (k) Is community kitchen provided?
- (l) Is cooking fuel provided?
- (m) Security and common area lighting:
- (n) Fencing/segregation from local community
- (o) Provision of fire protection at kitchen if provided and at camp at large
- (p) Provision of first aid at camp

~~x)~~ **Construction camp**

- (a) Barricading of the area in place
- (b) Demarcation of area for material storage, Equipment/machinery maintenance, workers rest area,
- (c) Concorted areas for oil and fuel storage with collection pit for collection of spill over oil
- (d) Equipment /machinery maintenance waste water (effluent) collection, treatment (neutralisation, oil separation) and disposal/reuse system in place
- (e) Dust separation arrangement in place
- (f) Provision of covering the loos material for prevention of dust generation
- (g) Provision of first aid and fire protection system

~~xii)~~ **Add impacts arising against ESS 5 (CHECK THIS AGAINST ESS 5 ENTITLEMENT MATRIX (RPF) IN THE ESMF**

- a. If any permanent or temporary impact on private or community land, assets (structures, trees, crops)
- b. impact on cultural property
- c. impact on livelihood (temporary or permanent loss, loss of access)
- d. Impacts on titleholders, squatters
- e. Impacts on vulnerable population (as defined in the RPF)
- f. Whether these temporary impacts are mitigated in the ESMF

~~xiii)~~ **GBV/SEAH:**

- (a) Code of Conduct (CoC) issued to all workers in language they can understand?
- (b) Induction training of workers conducted covering GBV issues?
- (c) Sperate well-lit toilets available for men and women at site and camp?
- (d) GBV hotspots, if any, identified?

Formatted: Indent: Left: 2.54 cm, No bullets or numbering

Formatted: Indent: Left: 2.9 cm, No bullets or numbering

- (e) GRM for reporting SH/GBV issues, established and communicated to all in language they can understand?

~~xi~~**xiv) Covid Protocols:**

(a) Vaccinated

~~(a)~~(b) Training conducted on Covid protocols?

~~(b)~~(c) Covid test conducted for workers?

~~(c)~~(d) Thermal scanning and face masks available at site and use implemented?

~~(d)~~(e) Covid focal point identified to deal with COVID-19 issues e.g. work supervisor or a health and safety specialist?

~~xii~~**xv) Resource Planning:**

(a) Water and power requirement for works- source and availability

(b) Raw material requirement and source(s)

(c) Approved quarry/borrow areas identified, if such material is required. Also ensure availability of Environment Clearance and/or of consent to establish/operate as applicable

(d) Identification of transportation route from source to site (avoid habitation and kuchha roads), identify accident prone areas, put signage

~~xiii~~**xvi) Waste Generation and Disposal:**

(a) Waste expected to be generated from rehabilitation work, such as debris/muck, replaced parts, empty containers, etc. identified with safe disposal arrangements as per ESMP?

(b) Hazardous waste identified separately along with temporary storage location and its disposal as per ESMP

(c) Debris disposal site identified and is/are appropriate (not on drainage line, not on forest land, not in proximity to community.)

(d) Hazardous waste authorized vendor identified for disposal of hazardous wastes

~~xiv~~**xvii) Occupational health and Safety:**

(a) Adequate number and appropriate type of PPEs available

(b) Work zone identified which could be hazardous/prone to accidents

(c) Warning signage displayed for preventing accidents

(d) SOPs prepared and displayed for use, handling and storage of hazardous material

(e) Adequate first aid boxes and fire extinguishers in place

(f) Emergency action plan prepared and displayed

(g) Emergency action plan should cover – key persons to be contacted during emergency, protocol for types of emergency, accident reporting, etc.

(h) Workers training conducted on Occupational Health & Safety including emergency response

~~xv~~**xviii) Environment Parameter Monitoring before start of work:**

(a) Ambient air quality - 2 major location of rehabilitation works through NABL accredited lab (only for projects within/in proximity to protected areas)

(b) Noise Level Monitoring - 2 major location of rehabilitation works through NABL accredited lab (only for projects within/in proximity to protected areas)

7. CHECK POINTS DURING REHABILITATION WORK AT SITE:

i) Physical inspection of labour camps every 3 months or on receipt of any complaint; to check:

- (a) General Cleanliness, health and hygienic living conditions
- (b) Adequate supply of potable water
- (c) Adequate supply of power
- (d) Waste collection and disposal system functional
- (e) Sewage collection and disposal system functional**
- ~~(e)~~(f) **Fire protection system in place**
- ~~(f)~~(g) Cooking fuel supply system/community kitchen functional
- ~~(g)~~(h) Any complaints from the labour living in camp
- ~~(h)~~(i) Any complaints from community living in surrounding area
- ~~(i)~~(j) Any incidents of tree cutting reported
- ~~(j)~~(k) Any Gender based violence reported from camp/community
- ~~(k)~~(l) Any Covid cases/other infectious disease cases reported?

ii) Physical inspection of work sites every month or on receipt of any complaint; to check:

- (a) Dust emission/air pollution at work site causing concern for workers/community
- (b) Workers using dust masks in high emission areas
- (c) Workers using ear muffs in high noise areas
- (d) Adequate stack height of DG set provided as per CPCB guidelines
- (e) DG sets used should meet emission and noise standards as per guidelines/standards issued by CPCB Wastewater from work sites is not being disposed off to river
- (f) Debris/muck is disposed off at pre-identified sites
- (g) Segregation and storage of hazardous waste till disposal to authorised vendors
- (h) PUC of all transportation vehicles is valid
- (i) Transportation of loose material is being done in covered trucks
- (j) Any accidents hotspots on route to site to be provided warning signs/speed control/mirrors, etc.
- (k) Hazardous operations/accident prone areas marked
- (l) Workers using appropriate PPEs
- (m) SOPs displayed and workers understand them
- (n) Emergency procedure displayed with phone numbers of responders
- (o) Adequate ventilation in confined spaces
- (p) Adequate illumination at all work place and accesses
- (q) Adequate working fire extinguishers are placed at work areas (as per type of fire hazard)
- (r) Gas cylinders and hazardous chemicals handling – adequate storage location, SOPs to be displayed, barricading/access control, workers awareness, etc.
- (s) Safe drinking water for workers in work area and access to toilet separate for male and female workers

iii) Community and Labour Related:

- (a) Dates of stakeholder consultation meetings along with list of attendees
- (b) Review minutes of meetings
- (c) Public awareness about project level GRM
- (d) Check status of implementation of suggestion/responses given
- (e) Status of complaints received, recorded, resolved and reported
- (f) Check muster roll and wage register
- (g) Any accidents so far
- (h) If yes, corrective and preventive actions taken
- (i) Timely accident reporting

iv) Workers Training

- (a) Workers training being conducted every 3 months and record maintained
- (b) Adequate coverage in training – use of PPEs, use of dust masks and ear muffs, hazardous and risky operations, emergency response, location of emergency control centre and first aid boxes, handling of hazardous material, CoC, GBV consequences, Covid protocols, etc.

v) Additional requirements for projects within or in Proximity to PAs

- (a) Labour training to include not to indulge in tree cutting/hunting or venture into PA
- (b) Access control to PA in consultation with Wildlife Department
- (c) Noisy operations/transportation of man and material through/in proximity to PA shall be restricted to day time
- (d) Speed limit, PUC, No horns will be strictly implemented for all types of transportation through protected areas
- (e) Labour camp not to be kept in close proximity to PA
- (f) All instructions issued by Wildlife department wrt to PA should be strictly adhered to

vi) Additional requirements for projects in predominant tribal population

Is culturally appropriate IEC (Information Education Communication) material prepared and used for tribal community during stakeholder consultation and EAP implementation

vii) Cultural heritage

Presence of tangible cultural heritage like sites or structures that have archaeological, historical, religious or other cultural significance or Intangible cultural heritage which includes practices that communities recognize as part of their cultural heritage. If yes, implementation of Cultural Heritage Management Plan (CHMP)

Stakeholder Engagement and information disclosure

- Information/documents disclosed in public domain (include tender advts also, besides E&S docs)
- Consultations held towards rehabilitation works or EAP preparation
- GRM – GRC composition by level.
 - grievances received,
 - redressed,
 - type/nature of grievances,
 - time taken to resolve

viii) Reporting

- (a) Quarterly progress report to be submitted by contractor to engineer in charge
- (b) E&S expert at dam to submit its own monthly inspection report and report to SPMU

Formatted: Font: 11 pt, Italic, Complex Script Font: +Body (Calibri), 11 pt, Italic

Formatted: Font: 11 pt, Italic, Complex Script Font: +Body (Calibri), 11 pt, Italic

Formatted: Font: 11 pt, Italic, Complex Script Font: +Body (Calibri), 11 pt, Italic

Formatted: List Paragraph, Dot pt, No Spacing1, List Paragraph Char Char Char, Indicator Text, List Paragraph1, Numbered Para 1, List Paragraph12, Bullet Points, MAIN CONTENT, Bullet 1, Colorful List - Accent 11, List Paragraph (numbered (a)), Bullets, Bullets 1 space, 본문(내용), Ha, Bulleted + Level: 2 + Aligned at: 3.81 cm + Indent at: 4.44 cm

Formatted: Tab stops: 5.45 cm, Left