

(a joint stock company incorporated in the People's Republic of China with limited liability)

(Stock Code: 03993)

SUPPLEMENTAL FORM OF PROXY OF H SHAREHOLDERS FOR THE AGM TO BE HELD ON FRIDAY, 21 MAY 2021

| I/We ^(Note 1) | |
|---|---------------------------------------|
| of | (address as shown in the |
| register of members of H Shares) being the registered holder(s) of (Note 2) | H shares of RMB0.20 each in the share |
| capital of China Molybdenum Co., Ltd.* (the "Company"), HEREBY APPOINT | THE CHAIRMAN OF THE MEETING (Note 3) |
| or | |
| of | |

as my/our proxy(ies) to attend and act for me/us at the 2020 annual general meeting (the "AGM") to be held at 1:00 p.m. on Friday, 21 May 2021 at the Mudu-Lee Royal International Hotel, No. 239 Kaiyuan Street, Luolong District, Luoyang City, Henan Province, the People's Republic of China (and at any adjournment thereof) for the purposes of considering and, if thought fit, passing the resolutions as set out in the original notice convening the AGM dated 20 April 2021 and the supplemental notice of the AGM dated 5 May 2021 at the AGM (and at any adjournment thereof) to vote for me/us and in my/our name(s) in respect of the resolutions as indicated below and, if no such indication is given, as my/our proxy(ies) thinks fit.

Please make a mark in the appropriate box to indicate how you wish your vote to be cast on a poll (Note 4).

| | SPECIAL RESOLUTIONS (Note 5) | FOR (Note 4) | AGAINST (Note 4) | ABSTAIN (Note 4) |
|-----|---|--------------|------------------|------------------|
| 23. | "To consider and approve the proposal relating to the 2021 first phase of the employee share ownership plan of the Company (draft) and its summary." | | | |
| 24. | "To consider and approve the proposal relating to the administrative measures for the 2021 first phase of the employee share ownership plan of the Company. | | | |
| 25. | "To consider and approve the proposal relating to the authorization from general meeting for the Board to handle matters in relation to the 2021 first phase of the employee share ownership plan of the Company." | | | |

Date: 2021

Signature(s) (Note 6):

Notes:

1. Please insert full name(s) (in Chinese or English) and address(es) (as shown in the register of members of H Shares) in **BLOCK CAPITALS**.

2. Please insert the number of H shares registered in your name(s) to which this supplemental form of proxy relates. If no number is inserted or the number inserted is more than the number of H shares registered in your name(s), this supplemental form of proxy will be deemed to relate to all the H shares registered in your name(s).

- 3. If any proxy other than the Chairman of the Meeting is preferred, please strike out the words "THE CHAIRMAN OF THE MEETING" and insert the name and address of the proxy desired in the space provided. An H shareholder entitled to attend and vote at the AGM may appoint one or more proxies to attend and vote on its/his/her behalf. A proxy need not be an H shareholder of the Company but must attend the AGM in person to represent you. ANY ALTERATION MADE TO THIS SUPPLEMENTAL FORM OF PROXY MUST BE INITIALLED BY THE PERSON WHO SIGNS IT.
- 4. IMPORTANT: IF YOU WISH TO VOTE FOR A RESOLUTION, PLEASE TICK ("✓") IN THE BOX MARKED "FOR". IF YOU WISH TO VOTE AGAINST A RESOLUTION, PLEASE TICK ("✓") IN THE BOX MARKED "AGAINST". IF YOU WISH TO ABSTAIN FROM VOTING ON ANY RESOLUTION, PLEASE TICK A ("✓") IN THE BOX MARKED "ABSTAIN". If you have more than one voting intention on certain resolution, the sum of the votes cast shall be equal to the number of H shares registered in your name(s) to which this supplemental form of proxy relates. If the sum of the votes cast is less than the number of H shares registered in your name(s) to which this supplemental form of proxy relates, the difference shall be regarded as abstention votes. If the sum of the votes cast is more than the number of H shares registered in your name(s) to which this supplemental form of proxy relates, the difference shall be regarded as abstention votes. If the votes cast on such resolution shall be regarded as abstention votes. If no direction is given, your proxy will vote at his/her discretion. Your proxy will also be entitled to vote at his/her discretion on any resolution properly put to the AGM other than those referred to in the notice or the supplemental notice convening the AGM.
- 5. Resolutions No. 23, 24 and 25 are special resolutions which shall be passed by more than two-thirds of the voting rights held by the shareholders of the Company present at the meeting.
- 6. This supplemental form of proxy must be signed by you or your attorney duly authorised in writing. In the case of a corporation, the same must be either under its common seal or under the hand of its director(s) or duly authorised attorney(s). If this supplemental form of proxy is signed by an attorney of an H shareholder of the Company, the power of attorney authorising that attorney to sign or other authorisation document must be notarised.
- 7. In order to be valid, this supplemental form of proxy together with the power of attorney or other authorisation document (if any) must be deposited at the H share registrar of the Company, Computershare Hong Kong Investor Services Limited, the address of which is set out in note 9 below, not later than 1:00 p.m. on Thursday, 20 May 2021 (or if the AGM is adjourned, not less than 24 hours before the time fixed for holding of the adjourned AGM).
- 8. This supplemental form of proxy is applicable to the supplemental resolutions as set out in the supplemental notice of the AGM dated 5 May 2021 and supplements the original form of proxy. This supplemental form of proxy will not affect the validity of the original form of proxy duly completed by you in respect of the resolutions set out in the notice of the AGM dated 20 April 2021. If you have validly appointed a proxy to attend the AGM but do not complete and deliver this supplemental form of proxy, your proxy will be entitled to vote at his/her discretion on the special resolutions set out in the supplemental notice of the AGM dated 5 May 2021.
- 9. The address and contact details of the H share registrar of the Company, Computershare Hong Kong Investor Services Limited, are as follows:

17M Floor Hopewell Centre 183 Queen's Road East Wanchai Hong Kong Telephone No.: (+852) 2862 8555 Facsimile No.: (+852) 2865 0990/(+852) 2529 6087

- 10. An H shareholder of the Company or his/her proxy should produce proof of identity when attending the AGM. If a corporate shareholder appoints its legal representative to attend the AGM, such legal representative shall produce proof of identity and a copy of the resolution of the board of directors or other governing body of such H Shareholder appointing such legal representative to attend the AGM.
- 11. Completion and delivery of the supplemental form of proxy will not preclude you from attending and voting at the AGM if you so wish.

PERSONAL INFORMATION COLLECTION STATEMENT

Your supply of your and your proxy's (or proxies') name(s) and address(es) is on a voluntary basis for the purpose of processing your request for the appointment of a proxy (or proxies) and your voting instructions for the AGM (the "**Purposes**"). We may transfer your and your proxy's (or proxies') name(s) and address(es) to our agent, contractor, or third party service provider who provides administrative, computer and other services to the Company and to such parties who are authorised by law to request the information or are otherwise relevant for the Purposes and need to receive the information. Your and your proxy's (or proxies') name(s) and address(es) to fulfil the Purposes. You/your proxy (or proxies) has/ have the right to request access to and/or correction of the relevant personal data in accordance with the provisions of the Personal Data (Privacy) Ordinance and any such request should be in writing by either of the following means:

| By mail to: | Personal Data Privacy Officer |
|--------------|---|
| | Computershare Hong Kong Investor Services Limited |
| | 17M Floor, Hopewell Centre, 183 Queen's Road East, Wanchai, Hong Kong |
| By email to: | hkinfo@computershare.com.hk |

* For identification purpose only